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Hermann Giles,
Hinsdale, Ill.
Sep. 13, 1909

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THE DESCRIPTIVE SPELLER

FOR

GRADED AND UNGRADED SCHOOLS

BY

GEORGE B. AITON
STATE INSPECTOR OF HIGH SCHOOLS FOR MINNESOTA

BOSTON, U.S.A.
GINN & COMPANY, PUBLISHERS
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PREFACE

THE compiler of the *Descriptive Speller* believes in spelling and in a spelling book. He believes in spelling, not only for purposes of composition and correspondence, but because it gives power over words and power over a printed page. He believes in a spelling book because it relieves the teacher from the drudgery of writing vocabularies on the board, because it relieves pupils from the trying task of reading distant words, and because printed words are more natural to the eye. The page of a speller makes a lasting impression.

Written spelling for accuracy, oral spelling for pleasure and facility. Where a vocabulary should be written once it should be spelled orally, and rapidly, and confidently a dozen times. Too much written spelling causes weariness and distaste. Brief, lively oral exercises are a pleasure, they waken up faculty and give a sense of strength very satisfactory to learners.

An effort has been made to arrange such groups of words as a teacher would desire to use in connection with the other lessons of the day. The vocabularies are chosen from scores of texts in each subject, regardless of publishers, and are adapted to go with any reputable school texts in the market. Each group consists of related words pertaining to some topic in which children may be supposed to have an interest, some topic connected with the playground, nature study, nursery tales, number work, health lessons, domestic affairs, biography,

leading industries, farm life, arithmetic, geography, history, grammar, literature, elementary science, birds, plants, authors, citizenship, etc.

This is not an etymological speller, but some attempt has been made to indicate various sources of the English language, the way words have been made up, and how they have come to have their present meaning. Diacritical marks have been introduced sparingly, but words have been syllabicated as an aid to pronunciation. A few rules for spelling have been given, but experience shows that, in the main, it is easier to spell outright than by rule and exception.

It is believed that interest in a group of words renders spelling less formidable, and that an interesting group may safely admit a word or two that would be too difficult if undertaken alone or in connection with unrelated words of similar difficulty. Common words likely to be misspelled are introduced repeatedly. This feature, it is thought, obviates the need of review lessons. Many words not needed in correspondence are given as words of general information that make for intelligence.

Free use has been made of dictation exercises. They have been chosen with a view to creating an interest in succeeding exercises and for their intrinsic value. British teachers understand the value of dictation better than we do. No exercise is better calculated to give power — power to use the English language — and no exercise is a better test for power.

The exercises are arranged in six parts corresponding essentially to the grades usually known as the third to the eighth inclusive. The entire text is graded in such a way that it is believed a class may follow the order of the book quite as well as in an ordinary speller, but greater interest may be aroused

and better results secured by assigning lessons with careful reference to season, weather, occasion, and topic. Spring flowers, for instance, should be taken up in the spring when children are going out to gather flowers. Christmas vocabularies should come late in December; local officers are naturally of interest about election time. Terms of percentage should be assigned when a class is about to take up that part of arithmetic. An alphabetical index at the end of the text will enable teachers to find a desired lesson readily.

In case of disputed spellings the easier spelling has been adopted, save that it has not been considered wise or within the province of a spelling book to anticipate changes in usage.

Experience has shown that bringing such words as *new*, *gnu*, and *knew* together confuses the learner and leads to eccentricities, such as "gnew," that a child would have never thought of if led to study words in natural groups which strengthen associations already in his mind. Lessons of this type have been omitted.

GEORGE B. AITON.

MINNEAPOLIS, June, 1901.

AITON'S DESCRIPTIVE SPELLER

PART I

THIRD GRADE

EXERCISE 1

Dictation

IN SCHOOL DAYS — *Whittier*

NOTE. — Mr. Whittier is describing the New England school of his boyhood.

Still sits the schoolhouse by the road,
  A ragged beggar sunning;
Around it still the sumachs grow,
  And blackberry vines are running.

Copy the hard words, study the spelling, and be ready to write the stanza when your teacher reads it to you.

EXERCISE 2

On the School Grounds

tag	games	dare	foot ball
top	race	goal	hock ey
skip	wres tle	shin ney	I spy
jump	mar bles	poi son	pull a way
rope	hop scotch	see saw	pris on er's base
kite	hand spring	som er set	blind man's buff

EXERCISE 3

Dictation

"Within, the master's desk is seen,
Deep scarred by raps official;
The warping floor, the battered seats,
The jack-knife's carved initial."

EXERCISE 4

In the Schoolhouse

desk	teach er	black board
slate	seats	pu pils
pen cil	cray on	maps
books	tab let	point er
bell	clock	chalk
pic tures	globe	charts
rul er	e ras er	vis i tors

EXERCISE 5

Words used at School

stud y	read	re cess
whis per	write	ge og ra phy
tar dy	re cite	a rith me tic
spell	num ber	lan guage
ci pher	class	hol i day
cor rect	pres ent	ex er cise
term	lunch	sing ing
noon	mis takes	va ca tion

EXERCISE 6

A Nut-cracker

bush y	squir rel	hide	fore paws
climb	spring	a corns	chis els
tree top	chat ter	wal nuts	gnaw
swing	pil fer	win ter	nut shells
grace ful	knot hole	store	ker nel

EXERCISE 7

The Spider

legs	sting	spin	flies
eight	jaws	webs	caught
skin	line	rays	shake
tough	thread	spokes	eat en
mouth	swing	wheel	Bruce
of ten	trap door	snare	cave

EXERCISE 8

Pronouns

I	he	its	they	my self
my	it	him	them	him self
me	you	hers	their	your self
we	she	ours	yours	our selves
our	her	mine	theirs	your selves
us	his	your	it self	them selves

Search for these pronouns in your reader.

EXERCISE 9

Mother Hubbard

To the Teacher. — Read or tell the story of Old Mother Hubbard.

cup board	bak er's	buy	play ing
bone	some	wig	lute
there	dead	dan cing	shoes
bare	cof fin	jig	read ing
none	laugh ing	fruit	news

EXERCISE 10

A Workbasket

To the Teacher. — Explain the use of emery.

nee dles	tape	chalk	twist
thread	spool	pen cil	worst ed
scis sors	hooks	e las tic	yarn
thim ble	eyes	bees wax	floss
em e ry	but tons	tra cer	braid
cush ion	sew ing	cot ton	pat terns

EXERCISE 11

Colors

blue	pur ple	pink	col or
red	green	vi o let	tint
yel low	or ange	brown	shade

Find a word to go with each color. Model. — *Blue eyes.*

EXERCISE 12

Dictation

SEVEN TIMES ONE — *Jean Ingelow*

There's no dew left on the daisies and clover,
  There's no rain left in heaven;
I've said my "seven times" over and over,
  Seven times one are seven.

I am old, so old I can write a letter;
  My birthday lessons are done;
The lambs play always, they know no better, —
  They are only one times one.

EXERCISE 13

Numerals

one	sev en	thir teen	for ty-four
two	eight	four teen	hun dred
three	nine	fif teen	thou sand
four	ten	twen ty	mil lion
five	e lev en	twen ty-one	doz en
six	twelve	thir ty	score

EXERCISE 14

Our Flag

staff 1	stripes 4	star 7	red
span gled	thir teen 5	each 8	cour age 9
ban ner 2	o rig i nal	blue	white
wave 3	states 6	sky	pu ri ty 10

EXERCISE 15

Little Red-Riding-Hood

To THE TEACHER. — Read or tell the story unless already familiar and recently in mind.

vil lage	grand moth er	won der	teeth
lived	for est	great	bet ter
lit tle	wood chop pers	arms	eat
hood	a fraid	hug	wick ed
cloak	pull	ears	wolf
scar let	latch	hear	sprang
car ry	changed	eyes	ate
bas ket	voice	see	all

EXERCISE 16

A Girl's Clothing

a pron	veil	waist	rib bon
dress	cape	skirt	sleeve
belt	tie	buc kle	sacque
sash	bow	jack et	cuffs
cloak	scarf	slip pers	gloves
muff	tip pet	stock ings	bon net

EXERCISE 17

Silk

worm	winds	soak	twist
food	slen der	un wind	thread
mul ber ry	fi ber	sev er al	weave
leaves	co coon	to geth er	cloth

EXERCISE 18

Dictation

THE FAIRY FOLK — *Allingham*

Up the airy mountain,
    Down the rushy glen
We dare n't go a-hunting,
    For fear of little men;
Wee folk, good folk,
    Trooping all together;
Green jacket, red cap,
    And white owl's feather.

EXERCISE 19

With Three Leaves

clo ver	fra grant	chil dren	four-leaved
fields	creep ing	gath er	good luck
patch es	bus y	weave	bum ble bee
lanes	hon ey	wear	pea fam i ly
road side	knee-deep	gar lands	sham rock

EXERCISE 20

Saturday Afternoon

ball	throw	strike	um pire
third	fan	bat	catch
foul	safe	punt	game
run	home	play	base
muff	goal	bump	pitch er

EXERCISE 21

The Three Bears

lone ly	bears	small est	some bod y
house	cool	up stairs	eat en
bowls	tast ed	chairs	been
por ridge	mid dle	growled	bro ken
be longed	sized	ly ing	pie ces

EXERCISE 22

A Dwelling House

kitch en	cham ber	gar ret	par lor
pan try	clos et	at tic	sit ting room
laun dry	bath room	cel lar	li bra ry
cup board	store room	cis tern	hall way

EXERCISE 23

The Breakfast Table

plate	knife	cream	cof fee
spoon	nap kin	bread	toast
su gar bowl	salt cel lar	po ta toes	muf fins
cup	pep per box	meat	pitch er
sau cer	oat meal	but ter	cakes

EXERCISE 24

Make up a list of twenty short words that may be spelled with the letters in the word coal-mine. EXAMPLES.—*Loan, clean, etc.*

EXERCISE 25

When the Circus comes

post ers	po nies	tents
town	crowd	bill boards
ring	clown	pic tures
cracked	pop corn	pea nuts
whip	pa rade	en trance
jokes	lad der	fool's cap
sell er	hors es	Bar num
vault	hoops	tick et
laugh	tra peze	lem on ade

EXERCISE 26

Clothing for Boys

hat	trou sers	socks	pock et
cap	shoes	clothes	hand ker chief
suit	boots	col lar	blouse
coat	gai ters	neck tie	o ver alls
vest	hose	mit tens	reef er

EXERCISE 27

Size and Shape

length	long	short	thin
breadth	broad	nar row	thick
width	wide	tall	square
height	high	low	ob long
depth	deep	shal low	round

EXERCISE 28

The First Thanksgiving Day

To the Teacher. — This page should be reserved for Thanksgiving week.

fam i lies	plen ty	fish	Ind ians	cap tain
to geth er	feast	clams	anx ious	Stan dish
au tumn	shoot	pound ed	friend ly	din ner
har vest	fowl	ground	greet ed	sat is fied
rip ened	deer	maize	hun gry	sports

EXERCISE 29

Dictation

"Over the river and through the wood,
To grandfather's house we go;
The horse knows the way
To carry the sleigh
Through the white and drifted snow.

"Over the river and through the wood,
Now grandmother's cap I spy!
Hurrah for the fun!
Is the pudding done?
Hurrah for the pumpkin pie!"

EXERCISE 30

Thanksgiving Dinner

proc la ma tion	tur key	sauce	in vite
No vem ber	ice cream	gra vy	friends
hol i day	sponge cake	pic kles	rel a tives
pump kin pie	mince pie	cel er y	ap pe tite
cran ber ry	jel ly	sal ad	hap pi ness

EXERCISE 31

The Fox and the Crow

crow	hold ing	flat ter	sil ly
stole	beak	dear	o pened
piece	chanced	mad am	mouth
cheese	pass	beau ti ful	caw
flew	smells	crea ture	fell
eat	thought	voice	cun ning
lei sure	I 'll	charm ing	mouth ful

EXERCISE 32

By a Little Girl

seeds	green	stalk	bou quet
plant	twin	ten dril	vase
hole	leaves	climb	ta ble
earth	grow	sweet	break fast
swell	sticks	peas	moth er
sprout	string	fra grant	pleased

EXERCISE 33

In a Grocer's Bill

sage	mo las ses	cur rants	rai sins
eggs	peach es	sug ar	buck wheat
rice	flour	vin e gar	figs
syr up	lem ons	ker o sene	ba na nas
tea	mus tard	bal ance	crack ers
meal	gal lon	dates	doz en

EXERCISE 34

Dictation—*Youth's Companion*

Once there was a little kitty,
  Whiter than snow;
In the barn she used to frolic,
  Long time ago.

When the teeth bit little mousie,
  Little mouse cried, "Oh!"
But she got away from Kitty,
  Long time ago.

EXERCISE 35

The Domestic Cat

puss y	kit ten	watch ful
paws	mew	play ful
claws	catch	hun ter
purr	fuzz y	sharp
mice	fur	whisk ers
prey.	soft	curved
feel ers	scratch	Mal tese

EXERCISE 36

Correspondence

pen	date	sign	en′ vel ope
ink	spell	fold	ad dress′
pa per	dear	seal	blot ter
write	your	stamp	of fice
neat	friend	sent	post mark

EXERCISE 37

Dictation — *Mother's Portfolio*

Taddypole and Pollywog
Lived together in a bog.
Here you see the very pool
Where they went to swimming-school.

By and by — 't is true though strange —
O'er them came a wondrous change:
Here you see them on a log,
Each a most decided frog.

EXERCISE 38

A Spring Musician

ear ly	wa ter	stones
food	pond	clam my
en joy	in sects	dream
swim	spawn	win ter
croak	plump	spec kled
tad pole	bur y	head long
spots	dive	toad

EXERCISE 39

Simple Simon

sim ple	pen ny	wa ter	this tle
pie man	a ny	moth er's	pricked
says	fish ing	pail	much
taste	catch	plums	made
ware	whale	grew	whis tle

EXERCISE 40

The Days of the Week

Solomon Grundy,
Born on Monday,
Christened on Tuesday,
Married on Wednesday,
Took ill on Thursday,
Worse on Friday,
Died on Saturday,
Buried on Sunday,
This is the end
Of Solomon Grundy.

EXERCISE 41

Abbreviations

Sun day	Sun.	Wednes day	Wed.	Sat ur day	Sat.
Mon day	Mon.	Thurs day	Thurs.	month	mo.
Tues day	Tues.	Fri day	Fri.	year	yr.

EXERCISE 42

On Monday

wash ing	rinse	hang	blu ing
soap suds	tubs	clothes pins	soiled
wring er	boil er	scrub bing	reel
clothes line	col ored	bench	He be

EXERCISE 43

On Tuesday

i ron ing	wrin kled	bas ket	ta ble
flat i ron	smooth	hold er	lin en
fold ing	scorch	pol ish	laun dry
sprin kle	starch	heat	rough

EXERCISE 44

An Old English Story

gen tle man	wealth	tired
death bed	left	clasped
chil dren	babes	ber ries
mon ey	wood	stained
gave	wan dered	died
un cle	a round	found
cru el	lost	rob ins
self ish	hun gry	cov ered
want ed	cried	leaves

EXERCISE 45

The Family

fath er	grand son	aunt	rel a tive
moth er	grand moth er	niece	mar riage
sis ter	par ent	neph ew	bride
broth er	child	cous in	brides maid
son	chil dren	birth	brid al
daugh ter	un cle	death	groom

EXERCISE 46

A Favorite Game

chi nas	ring	ev ers	lose
flints	keeps	fudge	win
com mons	knuck le	shoot er	re turn
al leys	down	miss	taw
mar bles	game	skill	fair

EXERCISE 47

Dictation

THE BAREFOOT BOY — *Whittier*

Blessings on thee, little man —
Barefoot boy, with cheek of tan!
With thy turned-up pantaloons,
And thy merry whistled tunes;
With thy red lip, redder still,
Kissed by strawberries on the hill;
With the sunshine on thy face,
Through thy torn brim's jaunty grace;
From my heart I give thee joy!
I was once a barefoot boy!

EXERCISE 48

Words from *The Barefoot Boy*

wild bee	ground mole	hor net	pick er el
fowl	rob in	hum ming birds	frogs
tor toise (tis)	o ri ole	hon ey bees	fire fly
wood chuck	wasp	squir rel	colt
straw ber ries	ground nut	flow ers	black ber ry
lil ies	wood-grape	trees	wal nut

EXERCISE 49

The Head

face	fore head	ear	mouth
eye	eye brow	cheek	tongue
nose	lash es	throat	brain
chin	nos tril	skull	scalp

EXERCISE 50

A Farmer to his Wife

Note. — These words were misspelled by a farmer who wrote to his absent wife, hoping she would end her visit soon and come home to do the housework.

dear	do	for	stayed
hear	too	bread	no news
aw ful	much	said	write
lone some	sure	their	hus band
re ceived	trou ble	e ven ing	com ing
Wednes day	chew	right	night

EXERCISE 51

Writing a Letter

With the words of the preceding lesson in mind, make up a letter such as you suppose John Workman wrote his wife. Write the letter as if from Silver Creek in your own state. You may guess, if you like, how John spelled his words, but be sure to spell the words in your own letter correctly. Put all the words in.

EXERCISE 52

In the Sick Room

sick	feel	pre scribe	taste
doc tor	pulse	drug gist	bit ter
vis it	tongue	med i cine	cure

EXERCISE 53

Playmates

With the aid of the lists on pages 206–208 make up a list of the names of your classmates.

EXERCISE 54

An Apple

stem	par ing	points
skin	ap ple	ripe
smooth	seed	green
round	core	sweet
pulp	star	sour
peel	shaped	jui cy
pare	five	mel low

EXERCISE 55

Dictation

"Thirty days hath September,
April, June, and November;
All the rest have thirty-one,
Excepting February alone,
To which we twenty-eight assign,
Till leap year gives it twenty-nine."

EXERCISE 56

The Months

Jan u a ry	Jan.	July	July
Feb ru a ry	Feb.	Au gust	Aug.
March	Mar.	Sep tem ber	Sept.
A pril	Apr.	Oc to ber	Oct.
May	May	No vem ber	Nov.
June	June	De cem ber	Dec.

NOTE. — A period is part of each abbreviation.

EXERCISE 57

Dictation

THE VILLAGE BLACKSMITH — *Longfellow*

Under a spreading chestnut tree
  The village smithy stands;
The smith, a mighty man is he,
  With large and sinewy hands;
And the muscles of his brawny arms
  Are strong as iron bands.

And children coming home from school
  Look in at the open door;
They love to see the flaming forge,
  And hear the bellows roar,
And catch the burning sparks that fly
  Like chaff from a threshing floor.

EXERCISE 58

Words from *The Village Blacksmith*

forge	earns	goes	heart	tear
hair	owes	pray	needs	eyes
face	week	preach	grave	sees
brow	beat	voice	lies	close
sweat	heav y	choir	wipes	each

EXERCISE 59

sin ew y	meas ured	thresh ing	bel lows
mus cles	sex ton	Par a dise	re joice
hon est	Sun day	re pose	i ron
what e'er	e ven ing	for tunes	daugh ter

EXERCISE 60

The Hare and the Tortoise

hare	own	tor toise	out ran
made	speed	nev er	be gan
mer ry	a greed	stopped	nib ble
slow	start ed	jogged	nap
pace	a way	stead y	lost
boast ed	to geth er	course	race

EXERCISE 61

The Woodpecker

NOTE. — There are over three hundred fifty kinds of woodpeckers in the world. We have about twenty in our northern woods.

toes	crest	holes	tail feath ers
climb	col or	tongue	scar let
strong	chis el	in sects	spear-like.
stiff	flight	grubs	red-head ed
prop	woods	fare	beech nuts
trunk	or chard	bor ing	hol low

EXERCISE 62

A Tree

seed	wood	twigs	bare
roots	sap	leaf	crotch
ground	pith	leaves	nest
trunk	top	flow ers	emp ty
bark	branch es	au tumn	wave
rough	boughs	col ors	sigh

EXERCISE 63

Will and Joe go a-fishing

read y	hooks	af ter noon	sun fish
ear ly	lines	hours	pleas ant
walked	poles	beach	late
miles	wa ter	is land	home ward
neigh bor	nib ble	built	sat is fied
boat	bite	lunch	sup per
rowed	caught	bon fire	tired
bait	laughed	four teen	a gain

EXERCISE 64

The boys did not often have time to go.

After you are sure you can spell the words, write an account of their day's sport.

See to it:

1. That each person's name begins with a capital letter.
2. That each sentence begins with a capital.
3. That you do not use the word *and* too often.

EXERCISE 65

Numbers

num ber	none	sec ond	twen ti eth
ma ny	a ny	third	hun dredth
sev er al	all	fourth	once
few	of ten	fifth	twice
some	first	twelfth	thrice

EXERCISE 60

The Hare and the Tortoise

hare	own	tor toise	out ran
made	speed	nev er	be gan
mer ry	a greed	stopped	nib ble
slow	start ed	jogged	nap
pace	a way	stead y	lost
boast ed	to geth er	course	race

EXERCISE 61

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climb	col or	tongue	scar let
strong	chis el	in sects	spear-like.
stiff	flight	grubs	red-head ed
prop	woods	fare	beech nuts
trunk	or chard	bor ing	hol low

EXERCISE 62

A Tree

[illegible]	wood	twigs
[illegible]	sap	leaf
ground	pith	leaves
trunk	top	flow ers
bark	branch es	[illegible]
[illegible]	boughs	[illegible]

read y
ear ly
walked
miles
neigh bor
boat
rowed
bait

have
nary
class
none,
nough

ir use
say, in
at the
silent.

alents.
ir use.
thing
ver be

The [illegible]

After [illegible]
of their [illegible]

See [illegible]

1. That [illegible]
2. That [illegible]
3. That [illegible]

EXERCISE 66

Dictation

THE CUCKOO

In April
Come he will,
In flow'ry May
He sings all day,
In leafy June
He changes his tune,
In bright July
He's ready to fly,
In August
Go he must.

EXERCISE 67

Our Feathered Friends

Note. — A bird is the only animal that has feathers.

bill	notes	brood	plum age
beak	col or	hatch	flock
feet	voice	young	mi grate
wings	haunts	song	crest
quills	hab its	spur	or ni thol o gy

EXERCISE 68

Dictation

"'T is the rule of the land, that, when travelers meet,
In highway or byway, in alley or street,
On foot or in wagons, by day or by night,
Each favor the other and turn to the right."

PART II

FOURTH GRADE

TO THE TEACHER. — From the fourth grade onward each pupil should have a dictionary of his own and should be taught to use it. A private dictionary is the one text-book that he should have to himself, carry with him from class to class, and keep by him at home. A small dictionary is better than none, but, if possible, one's first dictionary should be of academic size, full enough to meet his needs throughout the school course.

Diacritical marks will be found in the rest of this text whenever their use seems desirable. If two or more vowels are written together, that is to say, in the same syllable, and only one of them is marked, it is understood that the others are silent. In beaŭty, *e* and *a* are not sounded; in tēacher, *a* is silent. Letters printed in italics are silent, as *te* in lis*te*n and of*te*n.

Several pages are given to elementary sounds and alphabetical equivalents. Sufficient drill on diacritical markings should now be given to master their use.

If a student once learns to like his dictionary, which is much the same thing as learning to use it intelligently, he has a friend at his elbow and can never be called uneducated.

A Key to Pronunciation

Note. — The following are key-words ordinarily in use. Both the symbols and the words, separately and in connection, should be pronounced upward and downward, from left to right and from right to left, until accuracy and a fair degree of readiness have been secured.

Vowel Sounds

ā	āle	ė̇	ė̇-vent′	ȉ	ȉll	ou	out
ȧ	sen′ȧte	ĕ	ĕnd	ō	ōld	oi	oil
â	câre	ē	fērn	ȯ̇	ȯ̇-bey′	ū	ūse
ă	ăm	*e*	re′*c*ent	ô	ôrb	ṵ̇	ṵ̇-nite′
ä	ärm	e̱	the̱y	ŏ	ŏdd	û	ûrn
ạ	whạt	ê	thêre	o̅o̅	fo̅o̅d	ŭ	ŭp
ạ̇	ạ̇sk	. . . . .		ọ̈	dọ̈	ṵ̈	rṵ̈de
a	fi′n*a*l	ī	īce	ọ	wọlf	ṵ̣	fṵ̣ll
ạ̈	ạ̈ll	ȉ	ȉ-de′a	ȯ	sȯn		
ē	ēve	ï	ma chïne′	ŏŏ	fŏŏt		

Consonant Sounds

b	bib	k	kink	ṣ̱	iṣ̱
ç	çent	l	lev′el	sh	sheep′ish
c	call	m	mem′o-ry	t	tart
ch	chin	n	nine	th	thin
d	did	ṉ	iṉk	th	this
f	fife	p	pipe	v	re-vive′
ḡ	ḡiḡ	q	queen	w	wet
ġ	ġem	r	rise	x	box
h	hat	r	roar	x̱	ex̱-alt′
j	jug	s	see	y	year

EXERCISE 69

Words containing the sound of long *a*, as in *āle*

NOTE. — The following symbols have the same sound and, for that reason, are called *alphabetical equivalents: a, ai, ay, ei, ey, ea, ao, au.*

fa vor	la bel	de cay	con vey	steak
ra cy	rail	al ways	whey	gaol
la zy	slain	aye	they	jail
ba by	gray	freight	break	gauge

Find ten words in your reader in which ai has the sound of ā.

EXERCISE 70

Words containing the sound of long *e*, as in *ēve*

EQUIVALENTS: *e, ea, ee, ie, i, ey, uay, eo.*

sphere	le gal	se ries	feel	ceil ing
scheme	e ven	trea son	frieze	quay
e dict	de mon	leech	fierce	va lise
pe nal	sen ior	cease	seize	peo ple

CAUTION. — Each word contains the sound of *ē*; quay = *kē*.

EXERCISE 71

Words containing the sound of long *i*, as in *īce*

EQUIVALENTS: *i, y, ie, ei, ui, ye, uy, ai, oi.*

ri val	ti ny	guy	fried	choir
tri fle	scythe	climb	ly ing	quire
ad vice	rhyme	gi ant	buy ing	aisle
flight	sleight	guile	dyed	isle

Find ten words in your reader in which ie has the sound of ē; find ten words in which ie has the sound of ī.

EXERCISE 72

Words containing the sound of long *o*, as in *ōld*

EQUIVALENTS: *o*, *oa*, *oe*, *ou*, *ow*, *ew*, *eo*, *eau*, *oo*.

note	woe	door	yeo man
o ver	sew	grown	shoul der
pro pose	sow	float	glo ry
oar lock	beau	gourd	groan ing
ore dock	foe	own er	lo co mo tive

Search your reader for a list of words in which oa has the sound of ō.

EXERCISE 73

Words containing the sound of long *u*, as in *ūse*

EQUIVALENTS: *u*, *eau*, *eu*, *ew*, *ieu*, *iew*, *ue*, *ui*, *yu*, *ou*.

glue	ewe	knew	tune	view
lieu	a dieu	u nit	use	suit
beau ty	use ful	feud	cue	youth
fu sion	pew	yew	a buse	dude

CAUTION. — Be careful to notice that this sound differs from the sound of *o* in *do*.

EXERCISE 74

Words containing the long sounds of *a*, *e*, *i*, *o*, and *u* in *syllables not accented*

pref′ ace	e vent′	Ice land′ ic	u nite′	vil′ lage
cre ate′	po et′ ic	na′ ture	a e′ rial	e lect′
bil′ low	dis o bey′	cha ot′ ic	a′ re a	he′ ro
grad′ u al	in′ te ger	i de′ a	de vout′	po lite′

EXERCISE 75

Words containing the sound of short *a*, as in *ăm*

EQUIVALENTS: *a*, *ai*, *ua*.

at tire	plaid	hand some	ran dom
Ar ab	thrash	ham mock	char i ty
bade	quack	car at	par ry
can cel	match	ab sorb	hap pen
can dy	cat's-eye	at tack	cap i tal

EXERCISE 76

Words containing the sound of short *e*, as in *ĕnd*

EQUIVALENTS: *e*, *ea*, *ei*, *eo*, *ie*, *u*, *ue*, *a*, *ai*, *ay*.

dev il	says	friend	a ny	em pire
des pot	dead	said	ma ny	heif er
breath	guess	bur y	a gain	leop ard

Make a list of words from your reading lesson containing the sound of ĕ.

EXERCISE 77

Words containing the sound of short *i*, as in *ĭll*

EQUIVALENTS: *e*, *y*, *ui*, *ie*, *ee*, *e*, *u*, *o*, *ai*.

limp	since	sieve	Eng lish	fam i ly
build	been	quilt	wom en	his to ry
ad mit	bus y	hymn	pret ty	sim ply
liq uid	pit y	guin ea	cer tain	breech es

Search this lesson for words containing short i more than once.
EXAMPLE. — *Pretty = prĭt tĭ.*

EXERCISE 78

Words containing the sound of short *o*, as in *ŏdd*

EQUIVALENTS: *e*, *a*, *ow*.

gone	watch	gong	dodge
cor al	what	trot	pol len
cop y	swamp	god ly	pon der
oc cur	tor rid	wan der	con sent
prompt	fron tier	cor rect	knowl edge

TO THE TEACHER. — If pupils seem to weary of these lessons, defer a part of them but keep up a drill in pronouncing the words.

EXERCISE 79

Words containing the sound of short *u*, as in *ŭp*

EQUIVALENTS: *u*, *o*, *oe*, *oo*, *ou*, *oi*, *io*, *eo*, *ow*, *eou*, *iou*.

un der	wel come	touch	joy ous
oth er	at om	gra cious	jus tice
done	fel on	right eous	ush er
does	pi ous	dun geon	sub mit
flood	blood	na tion	por poise

EXERCISE 80

Words containing the sound of *a* in *câre*

EQUIVALENTS: *a*, *e*, *ai*, *ea*, *ei*.

share	there	bare head	com pare
chair	their	bare ly	air y
lair	where	bear skin	heir loom
par ent	fair y	bear er	hair y
tear	far o	for bear	hare lip

EXERCISE 81

Words containing the sound of Italian *a*, as in *ärm*

EQUIVALENTS: *a*, *ea*, *au*, *ua*.

arm	aunt	haunt	har poon
are	guard	marsh	har vest
alms	hearth	flaunt	far ther
palm	hark	har bor	farm er
fa ther	harsh	part ly	car toon

TO THE TEACHER. — Have this lesson read aloud, again and again, to be sure that the sound of *a* in *arm* has been mastered.

EXERCISE 82

Words containing the sound of broad *a*, as in *all*

EQUIVALENTS: *a*, *au*, *aw*, *o*, *ou*.

talk	awe	born	wrought
swarm	haul	bought	thought
fall en	draw	salt	taught
balk y	daub	malt	quar rel
auc tion	fraud	squaw	bal sam

EXERCISE 83

Words containing the sound of *e* in *fẽrn*

EQUIVALENTS: *e*, *i*, *ea*, *y*.

err	sir	earn	earth en
herb	whirl	mirth	pearl y
er mine	stern	myr tle	per verse
in fer	learn	de ter	per son
birth	af ter	re fer	vir gin

EXERCISE 84

Words containing the sound of *o* in *do*

EQUIVALENTS: *o*, *oo*, *oe*, *ou*, *u*, *ue*, *ui*, *eu*, *ew*.

prove	true	route	fool ish
tomb	food	ru mor	ca noe
soup	drew	ru ral	re cruit
shoes	group	troupe	rheu mat ic
soothe	rue	tru ant	soot y

EXERCISE 85

Words containing the sound of *o* in *wolf*

EQUIVALENTS: *o*, *oo*, *u*, *ou*.

wolf	wool	full	push ing
would	foot	sug ar	pull ing
wom an	good	bull	wood cut
bos om	stood	rook er y	hood wink
pul pit	crook ed	pul ley	hoop pole

EXERCISE 86

oi in *oil*. *oi*, *oy*.		*ou* in *out*. *ou*, *ow*.	
noise	coy	round	owl
hoist	roy al	rouse	howl
joint	an noy	out rage	row dy
a noint	em ploy	gout	vow el
ap point	oy ster	frow zy	drown
spoil	de stroy	growl	scowl
coil	al loy	prowl	gown

EXERCISE 87

Three sounds of *ch*

ch = *k*	*ch* = *sh*	*ch* = *tsh*	*ti*, *te*, *tu* = *ch*
cho rus	chaise	chore	ques tion
ep och	chiv al ry	church	right eous
ech o	cha grin	cher ub	na ture
ar chi tect	ma chine	Ra chel	text ure
char ac ter	mus tache	arch duke	Chris tian

Note. — Ar chi tect = *är ki tekt.*

EXERCISE 88

Four sounds of *c*

c = *s*	*c* = *k*	*c* = *z*	*c* = *sh*
ace	oc cur	suf fice	o cean
civ il	ache	sac ri fice	vi cious
ac id	care less	dis cern	gra cious
force	bea con	cir cus	pre cious
vice	pic ture	can cer	spe cial
prac tice	cau cus	cir cle	spe cie

EXERCISE 89

Four sounds of *s*

s, unmarked	*s* = *z*	*s* = *sh*	*s* = *zh*
sold	was	sure	lei sure
mis sile	sea son	sug ar	meas ure
cease	us age	cen sure	vi sion
rise	wis dom	man sion	pleas ure
sus tain	these	A si a	de ci sion
les son	ris ing	A si at ic	ex plo sion

EXERCISE 90

d = t	*f = v*	*gh = f*	*ph = f*
missed	of	laugh	pheas ant
risked	here of	rough	diph thong
wished	there of	e nough	diph the ri a
guessed	where of	cough	graph ic
dressed	arched	draught	pho to graph

Notice that the words in the first column of this lesson are all words of one syllable. Search your reading lesson for ten words of one syllable ending in d or ed.

EXERCISE 91

g	*g = j*		*di, de, du = j*
gill	gen ius	sur geon	ver dure
ice berg	gi raffe	re li gion	sol dier
gar den	en gine	re gion	gran deur
hag gle	frig id	gi ant	gi gan tic
or gan	ges ture	gen tle man	Gan ges
fru gal	dodge	gen u ine	ghost
dag ger	dredge	del uge	plague

EXERCISE 92

n = ng	*ng = nj*	*ng*	*ng*
think	ran ger	long	long est
monk	dan ger	strong	strong er
crank	an gel	young	young er
anx ious	man ger	wrong	an ger
an kle	stran ger	tongue	an gle

EXERCISE 93

To the Teacher. — If wearisome, omit this page.

i = *y*	*th* in *thin* (aspirate)	*th* in *then* (sonant)	*th* = *t*
on ion	pith	with	thyme
un ion	thing	that	Thom as
gen ial	worth	them	Thames
Ind ian	thrive	north ern	Es ther
sol dier [1]	youths	south ern	phthis ic

[1] See *soldier* in lesson 91. Both pronunciations are allowed.

EXERCISE 94

Note. — Eight nouns have the aspirate sound of *th* in the singular and the sonant sound in the plural.

bath	baths	lath	laths
cloth	cloths	path	paths
mouth	mouths	oath	oaths
wreath	wreaths	moth	moths

EXERCISE 95

Words containing silent letters

Consult your dictionary and copy these words, drawing a line through each silent letter.

in dict	fuch si a	sign	missed
Czar	mus cle	gnat	hand some
yacht	knot	debt	psalm
phthis ic	knee	hymn	Wednes day

Model. — *~~P~~h~~t~~his ic.*

EXERCISE 96

A Tool Chest

Note. — Pictures of many of these tools may be found in a large dictionary.

saw	ham mer	gauge
bit	chis el	wrench
brace	gim let	hatch et
au ger	pli ers	saw-set
drill	rule	plumb line
awl	adz	screw-driv er
file	bev el	com pass es
rasp	lev el	broad ax

EXERCISE 97

Carpenters' Work

hew	dress	shave	hack
split	joint	splice	break
plane	tongue	frame	sharp en
rip	groove	nail	build
chip	ten on	join	e rect
bore	mor tise	drive	dove tail

EXERCISE 98

Painting and Paper Hanging

oil	siz ing	bor der	fres co
paint	lin seed	ceil ing	white wash
brush	lead	mold ing	scaf fold
var nish	pum ice	paste	lad der
fill ing	ben zine	glue	dec o rate

EXERCISE 99

Dictation — *Lowell*

The snow had begun in the gloaming,
  And busily, all the night,
Had been heaping field and highway
  With a silence, deep and white.

Every pine and fir and hemlock
  Wore ermine, too dear for an earl;
And the poorest twig on the elm tree
  Was ridged inch-deep with pearl.

EXERCISE 100

Winter Words

win try	si lence	shel ter
i cy	snow bird	fire side
freeze	sol i tude	a muse ment
fro zen	daz zling	skate
snow y	hoar frost	skat ing
numb	hoar y	coast ing
moon shine	frost ed	curl ing
star ry	bare	hol ly
qui et	life less	mis tle toe

EXERCISE 101

Dictation — *Keats*

St. Agnes' Eve — Ah, bitter chill it was!
The owl, for all his feathers, was a-cold;
The hare limp'd trembling through the frozen grass,
And silent was the flock in woolly fold.

EXERCISE 102

Dictation

CHRISTMAS FESTIVITIES — *Scott*

Heap on more wood! the wind is chill;
But let it whistle as it will,
We 'll keep our Christmas merry still.

EXERCISE 103

Words for Christmas

San ta Claus	fir tree	fes toons
furs	can dles	hol i days
car ol	pop corn	mer ry mak ing
chimes	stars	dan cing
fire place	can dy	Kris Krin gle
Christ mas	col ors	Yule log
ev er green	gar lands	fes ti val

EXERCISE 104

A Visit from St. Nicholas — *C. C. Moore*

'T was the night before Christmas, when all through the house,
Not a creature was stirring, — not even a mouse.

stock ings	min i a ture	hur ri cane
chim ney	sleigh	house top
St. Nich o las	rein deer	twink ling
chil dren	ea gles	pran cing
vi sions	cour sers	ped dler
sug ar plums	Com et	wealth
lus tre	Cu pid	pres ents

EXERCISE 105

Dictation

THE SNOW-STORM — *Emerson*

Announced by all the trumpets of the sky,
Arrives the snow, and driving o'er the fields,
Seems nowhere to alight: the whited air
Hides hills and woods, the river, and the heaven,
And veils the farmhouse at the garden's end.
The sled and traveler stopped, the courier's feet
Delayed, all friends shut out, the housemates sit
Around the radiant fireplace, enclosed
In a tumultuous privacy of storm.

EXERCISE 106

Snow-Bound — *Whittier*

shut	blaze	fore stick	crum bling
clear-winged	crac kle	and i rons	dul ler
hearth	heat	fit ful	brands
a bout	rud dy	fire light	ash es
con tent	pal er	cov er	cir cle
roar ing	shone	re pose	cir cuit

EXERCISE 107

drift	win ter	block ade	hail
flake	snow bank	floun der ing	roared
blow	white ness	sleigh bells	tun nel
wind	glis ten ing	snow ball	wreaths
sleet	crys tal	sift ed	i ci cle
beat	knolls	won der	mir a cle

EXERCISE 108

Familiar Implements

hoe	rake	sic kle	scoop
shov el	pitch fork	crow bar	sledge
spade	scythe	hand spike	mall
pick	weed er	trow el	wedge
mal let	cra dle	dib ble	flail

Write the names of six farm tools not in this list.

EXERCISE 109

Farm Operations

plow	reap	mar ket	clear
har row	mow	sell	seed
sub soil	thresh	hull	cul ti vate
drain	win now	husk	hoe
ditch	shock	har vest	en rich
sow	haul	gar ner	fal low

Use ten of these words in sentences. EXAMPLE. — *Farmers thresh wheat in autumn.*

EXERCISE 110

Used in describing Lands

soil	bar ren	marsh	groves
grav el	al ka li	swamp	thick ets
clay	roll ing	prai rie	cop pice
sand	loose	tim bered	copse
loam	com pact	o pen ings	dunes
fer tile	moist	brush	till a ble

EXERCISE 111

Fish

scales	bait	sluice
fins	min now	run way
dor sal	creel	dried
ven tral	Wal ton	salt ed
ḡills	hatch er y	seine
air-blad der	spawn	spear
an gle	stocked	weir
hook	mill dam	school

EXERCISE 112

Crayfish

craw fish	an ten næ	joints	ḡills
shrimps	feel ers	jaws	cur rent
crabs	swim mer ets	shell	mud dy
lob sters	tail-fin	claws	mead ow

EXERCISE 113

Travel by Rail

sta tion	aisle	trunk	sleep er
plat form	brake man	va lise	por ter
a gent	con duct or	check	berth
tick et	fares	bag gage	tour ist
fold er	mile age	ex cess	lim it ed
seat	ves ti bule	trans fer	om ni bus
coach	news boy	pas sen ger	ar rive

EXERCISE 114

Dictation

THE OLD OAKEN BUCKET — *Woodworth*

How dear to this heart are the scenes of my childhood,
When fond recollection presents them to view!
The orchard, the meadow, the deep tangled wild-wood,
And every loved spot which my infancy knew;
The wide-spreading pond, and the mill that stood by it;
The bridge, and the rock where the cataract fell;
The cot of my father, the dairy-house nigh it,
And e'en the rude bucket which hung in the well;
The old oaken bucket, the iron-bound bucket,
The moss-covered bucket which hung in the well.

EXERCISE 115

The Farm

ranch	mead ow	lawn	for est
or chard	gar den	vine yard	plan ta tion
field	door yard	stub ble	patch
pas ture	ar bor	lane	woods

EXERCISE 116

fence	barn yard	stile	bee hives
gate	farm house	sweep	shade trees
rail	gran a ry	well-curb	shrub ber y
post	ma chine shed	wa ter tank	pig sty
board	wind mill	wood pile	dove cote
pump	trough	hay stack	ash bin

EXERCISE 117

Dictation

THE CORN SONG — *Whittier*

We dropped the seed o'er hill and plain,
  Beneath the sun of May,
And frightened from our sprouting grain
  The robber crows away.

All through the long bright days of June
  Its leaves grew green and fair,
And waved in hot midsummer's noon
  Its soft and yellow hair.

And now with autumn's moonlit eyes,
  Its harvest time has come,
We pluck away the frosted leaves,
  And bear our treasure home.

EXERCISE 118

Indian Corn

NOTE. — Indian corn, or maize, is a native of America and was an important food of the Indian tribes.

seed	ker nel	corn-crib
sprout	nub bin	shell
scare crow	cob	meal
cul ti vate	pith	roast ing ears
blade	shocks	rac coons
stalk	pump kins	has ty pud ding
tas sel	husk	corn bread
silk	fod der	pone

EXERCISE 119

Bread-making

Note. — It is interesting to know that our word *lady* originally meant *bread-maker*. The first syllable, *la-*, is what is left of the old English word meaning *loaf*, and the *-dy* is thought to mean *to dig* or *knead*. If this be true, the first meaning of *lady* is the *loaf-kneader*, or *bread-maker*.

flour	dough	bake	bis cuit
yeast	knead	loaf	cook ies
salt	rise	bread	gin ger bread
ris ing	fu el	crust	mold ing board
sponge	ov en	crumb	bak ing

EXERCISE 120

Kitchen Utensils

tea ket tle	spi der	sieve	bread board
cof fee pot	skil let	pie pan	dip per
fry ing pan	grid dle	bowl	fun nel
egg beat er	ket tle	la dle	steam er
col an der	chop per	pail	strain er

EXERCISE 121

In the Kitchen

broil	toast	fric as see	dress
bake	brew	wash	pre serve
fry	pic kle	pare	scal lop
boil	roast	peel	sift
stew	poach	pre pare	mince
cook	scald	sea son	gar nish

EXERCISE 122

Tennyson's *Brook*

haunts	cov er	grav el	for ev er
sud den	ston y	fair y	wa ter-brook
spar kle	sharps	steal	ed dy ing
thorpes	treb les	ha zel	sil ver y
brim ming	foam ing	sun beam	for get-me-nots
chat ter	flow	loi ter	gray ling

EXERCISE 123

The Framework of the Body

bones	an i mal	back bone	sub stance
skel e ton	tough	spine	trunk
min er al	flex i ble	skull	shaft
lime	hol low	jaw bone	joint
pot ash	mar row	ribs	hin ges
strength	spon gy	false	gris tle
hard ness	brit tle	bon y	bow legged

EXERCISE 124

Muscles

mus cles	e las tic	fas tened	lean meat
bun dles	chan ges	straight en	ex er cise
ten dons	shape	e rect	work
sin ews	con tract′	ac tive	play
lē ver (or lĕv er)	re lax	firm	pairs
ful crum	pull	strong	tired

EXERCISE 125

The Covering of the Body

skin	root	baths
nails	pro tect	shiv er
horn y	glands	frec kle
trimmed	sweat	wrin kle
quick	per spire	scar
neat	cool ing	touch
hair	colds	blis ter
sac	bathe	pain ful

EXERCISE 126

The Head

head	shag gy	brush	dan druff
bar ber	growth	shin gle	bay rum
curl y	lux u ri ant	sham poo	ton ic
crisp	Sam son	scalp	beard
taw ny	comb	bald ness	shave
ring let	snarl	au burn	blonde

EXERCISE 127

Our Telegraph System

brain	think	spe cial	taste
spi nal	thoughts	sens es	smell
cord	dreams	touch	hear ing
nerves	wea ry	feel ing	deaf ness
mes sage	sleep	rough	see ing
re plies	slum ber	smooth	sight

EXERCISE 128

How we Live

food	gas tric	bod y
chew ing	pep sin	grow
sa li va	churned	lymph
swal low	di gest ed	flu id
trap door	liv er	sol id
gul let	bile	bow els
stom ach	ab sorbed	waste
juice	car ried	health

EXERCISE 129

A Common Carrier

blood	im pure	veins	pres sure
bleed	ox y gen	heart	pu ri fy
pulse	force pump	valve	ar ter y
beat	cir cuit	clot	cir cu la tion
throb	poi son	car ry	head ache

EXERCISE 130

Breathing

chest	in hale	breathe	sneeze
lungs	ex hale	drow sy	cough
breast	faint	ox y gen	laugh
wind pipe	fresh	car bon	yawn
lobes	air	ven ti late	sigh
air cell	light	smoth er	cry
la cing	colds	hic cough (kŭp)	voice

EXERCISE 131

The Voice

cur rent	high	stut ter
edg es	clear	whis tle
vo cal	hoarse	vow els
cords	talk a tive	con so nants
vi bra tion	speech	ac cent
shrill	dumb	con ver sa tion
sounds	stam mer	mod u late

A word fitly spoken is like apples of gold in pictures of silver.
PROVERBS XXV. 11.

EXERCISE 132

The Extremities

shoul ders	fin ger	hip	foot
arm	thumb	thigh	sole
el bow	nails	knee	toe
wrist	knuc kles	calf	heel
hand	right	shin	in step
palm	left	an kle	sprain

EXERCISE 133

A Boy's Friends

mas tiff	faith ful	ter ri er	New found land
span iel	pa tient	a larm	St. Ber nard′
point er	friend	lit ter	grey hound
set ter	ken nel	li cense	in tel li gent
re triev er	watch dog	col lar	com pan ion

EXERCISE 134

The Peace Pipe

To the Teacher. — Unless freshly in mind, read the appropriate passage from Longfellow's *Song of Hiawatha.*

Man i to	quar ry	reed	peace pipe
might y	frag ment	pipe stem	tran quil
stood	shaped	wil low	war riors
e rect	fash ioned	smoked	coun cil
called	fig ures	cal u met	weap ons
na tions	pipe head	sig nal	war gear

EXERCISE 135

Hiawatha's Bow and Arrow

flint	proud ly	aimed	ap plause
feath er	a lone	fa tal	No ko mis
deer skin	tracks	ar row	ban quet
bow string	fa mous	leaped	guests
quiv er	roe buck	bore	feasts
oak bough	lis tened	home ward	hon or

EXERCISE 136

Hiawatha's Canoe

birch tree	ce dar	tough	seams
state ly	boughs	sewed	crev ice
gir dled	pli ant	to geth er	quills
yel low	hewed	fir tree	neck lace
wrap per	straight way	bal sam	ca noe
a sun der	frame work	close	build ed

EXERCISE 143

Sold in an Alaskan Mining Camp

ax es	shov els	rub ber
files	ba sins	felt
forks	han dles	cal i co
knives	ket tles	drill ing
nails	blan kets	moc ca sins
pin cers	arc tics	o ver shoes
ham mocks	boots	jump ers
hatch ets	leath er	sweat ers

EXERCISE 144

Miners' Supplies

spoons	gold-pans	fur robes
chis els	combs	hand ker chief
sledg es	suits	un der shirts
cups	tents	sus pend ers
plat ters	snow packs	gloves
sau cers	caps	mit tens
stoves	hats	tow els
gran ite ware	coats	fuse

EXERCISE 145

From the Earth

coal	gold	gran ite	pe tro le um
i ron	sil ver	quartz	di a monds
lead	tin	zinc	mer cu ry
salt	cop per	wa ter	sul phur

EXERCISE 146

Dairying

but ter	cream	ship ment
cheese	milk	cream er y
curds	ren net	mar ket
whey	cur dle	fir kin
press	skimmed	ran çid
churn	vat	sep a ra tor

EXERCISE 147

Poultry

fowl	crow ing	ban tam	al bu′ men
coop	scratch ing	giz zard	Wy an dotte
brood	lay ing	poul try	in cu ba tor
roost	sit ting	Leg horn	cock er el
moult	chick en	Brah ma	white wash
yolk	pul let	Shang haī	Ply mouth Rock

EXERCISE 148

Cattle-raising

Jer sey	stock-yard	hides	milch cow
Al der ney	smudge	quar ter	ten der foot
Guern sey	meat	steer	round up
short horn	beef	heif er	cor ral′
Dur ham	sir loin	calf	year ling
Hol stein	tal low	graz ing	brand ing
breed	fat ten	gra zier	stam pede
butch er	herb age	stan chion (shŭn)	pas tur age

EXERCISE 149

Raising Wheat

field	rip en	grain	lodge
plow	reap	yield	blight
sow	thresh	bush els	chinch bug
sprout	straw	sell	mil dew
stool	chaff	mar ket	weigh
head	ker nel	price	el e va tor

EXERCISE 150

The Fruit Garden

pear	har dy	cur rant	straw ber ry
quince	cher ry	nurs er y	rasp ber ry
plum	bar ren	lay er ing	black ber ries
peach	gir dle	fruit ful	pro lif ic
grape	sci ons	seed ling	goose ber ry
graft	mulch	rar i ty	win ter-killed

EXERCISE 151

Railroad Terms

train	en gine	sid ing	di vi sion
track	lo co mo tive	tres tle	con struct
ties	en gi neer	draw bridge	em bank ment
wreck	throt tle	pil ing	sig nal
coal	wa ter tank	bal last	round house
grade	ca boose	tun nel	turn table
switch	coup ling	sec tion	or ders

EXERCISE 152

Dictation

AN ADVERTISEMENT

Lost, yesterday, somewhere between sunrise and sunset, two golden hours, each set with sixty diamond minutes. No reward is offered, for they are gone forever.

HORACE MANN.

EXERCISE 153

Time-keeping

watch	key	re pair	main spring
face	gain	jew el	stem-wind er
di al	lose	crys tal	heir loom
case	chain	le ver	hour glass
clean	guard	es cape	reg u late
weight	beat	o'clock	vi bra tion
stroke	piv ot	a larm	pen du lum

EXERCISE 154

Time

sec ond	east ern	to-day	an nu al
min ute	cen tral	to-mor row	week ly
hour	moun tain	yes ter day	daily
day	Pa cif ic	fort night	of ten
week	pres ent	fore noon	sel dom
month	past	e ter ni ty	fre quent ly
year	fu ture	term	al ma nac
cen tu ry	stan dard	se mes ter	old style

EXERCISE 155

America — *Smith*

coun try	no ble	breeze	mu sic
lib er ty	tem pled	mor tal	pro long
fath ers	cap ture	a wake	au thor
died	thrills	par take	ho ly
free dom	a bove	si lence	pro tect
na tive	swell	break	great

EXERCISE 156

Home, Sweet Home — *Payne*

pleas ures	charm	seek	low ly
pal a ces	skies	else where	thatched
though	scenes	ex ile	cot tage
roam	hal low	splen dor	sweet ly
be	there	daz zles	peace
hum ble	which	vain	dear er

EXERCISE 157

The Mountain and the Squirrel — *Emerson*

moun tain	re plied	dis grace	wise ly
squir rel	doubt less	oc cu py	can not
quar rel	sorts	you 've	car ry
for mer	weath er	de ny	nēi ther
called	tak en	pret ty	crack
lat ter	to geth er	tal ents	for ests
prig	sphere	dif fer	Em er son

EXERCISE 158

Plurals formed by adding *s* to the singular

day	days	eye	eyes
gift	gifts	roof	roofs
awl	awls	val ley	val leys
lie	lies	cam e o	cam e os
niece	nie ces	ca noe	ca noes
dye	dyes	hand ful	hand fuls
house	hous es	spoon ful	spoon fuls
sleeve	sleeves	stran ger	stran gers

EXERCISE 159

Plurals formed by adding *es* to the singular

NOTE. — *es* is added when easier to pronounce than *s* would be. *Hero*, *negro*, and a few other words are exceptions.

fox	fox es	he ro	he roes
witch	witch es	speech	speech es
torch	torch es	dish	dish es
church	church es	six	six es
fish	fish es	ne gro	ne groes

Find ten similar plurals in your reader.

EXERCISE 160

Plurals formed by changing *y* to *i* and adding *es*

sky	skies	ber ry	ber ries	po ny	po nies
fly	flies	pig sty	pig sties	jel ly	jel lies
lil y	lil ies	sto ry	sto ries	to ry	to ries
spy	spies	fol ly	fol lies	cook y	cook ies

EXERCISE 161

Plurals formed by changing *f* to *v* and adding *es*

NOTE. — Sixteen common names ending in *f* or *fe* change the *f* to *v* in forming their plurals.

beef	beeves	sheaf	sheaves
calf	calves	staff	staves
elf	elves	self	selves
half	halves	shelf	shelves
knife	knives	thief	thieves
life	lives	wife	wives
leaf	leaves	wolf	wolves
loaf	loaves	wharf	wharves

EXERCISE 162

Write out a list of twenty words ending in f or fe that do not change the f to v in forming their plurals. EXAMPLE. — *Cuff* (*sing.*), *cuffs* (*plur.*).

EXERCISE 163

Plurals without *s*

child	chil dren	man	men
foot	feet	mouse	mice
goose	geese	ox	oxen
louse	lice	tooth	teeth
sheep	sheep	wom an	wom en
deer	deer	grouse	grouse
die	dice	hea then	hea then

NOTE. — The old plural of *eye* is *eyen*; of *hose*, *hosen*.

EXERCISE 164

A Locomotive

cab	stroke	mo gul	fire man
tank	brake	boil er	head light
truck	steam	throt tle	en gi neer
crank	ten der	driv ers	cyl in der
valve	pis ton	fire box	cow catch er

EXERCISE 165

Articles of Food

hash	cus tard	vict uals	bis cuit
meat	dump ling	lunch eon	pas try
soup	om e let	turn o ver	frit ters
gruel	sand wich	pre serves	crul ler
cook y	dough nut	mar ma lade	pud ding
bread	waf fle	chow der	short cake

EXERCISE 166

Robinson Crusoe

cave	Cru soe	goat skin	foot prints
goats	is land	um brel la	ter ri fied
hedge	par rot	rai ment	sav a ges
on ions	Fri day	store house	can ni bals
bar ley	en trance	pro vi sions	pal i sade
Bi ble	lad der	com pan ion	in clo sure
notch es	win nowed	sol i tude	hab i ta tion
pow der	sur prise	ges ture	fa mil iar
cour age	pre cious	hu man	sol i ta ry

EXERCISE 167

Dictation

TIRED OF PLAY — *Willis*

The bird is hushed, and so is the bee,
The sun is creeping up steeple and tree;
The doves have flown to their sheltering eaves,
And the nests are dark with the drooping leaves;
Twilight gathers, and the day is done:
How hast thou spent it, precious one?

EXERCISE 168

The Story Hour

e ven ing	fa ther's	a gain
twi light	knee	bears
ta ble	clam or	Ind ians
sup per	sto ries	gi ants
dish es	of ten	bean stalk
cleared	told	fair ies
a way	ex cuse	red breast
chil dren	use less	a bout
clam ber	bet ter	your self

EXERCISE 169

young est	an oth er	tucked	bed time
nod ding	sto ry	tired	jour ney
moth er	want ed	heads	dream land
bed time	night gown	pil low	par ents
an nounce	feet	sigh	con tent
pro test	bare	breath ing	thank ful

EXERCISE 170

Dictation — *Whittier*

Jack-in-the-Pulpit
  Preaches to-day,
Under the green trees
  Just over the way.

Green is his surplice,
  Green are his bands;
In his queer little pulpit
  The little priest stands.

EXERCISE 171

Native Spring Flowers

To the Teacher. — Select familiar flowers. Camass, for instance, unknown to eastern children, is abundant in the meadows of the Rocky Mountain region.

a nem o ne	flea bane	lady's slip per
blood root	blue bells	wake rob in
vi o let	blue flag	Dutch man's breech es
or chid	star grass	Jacob's lad der
cam ass	pasque flow er	moc ca sin flow er
bell wort	marsh măr i gold	Sol o mon's seal
but ter cup	spring beau ty	Jack-in-the-pul-pit
col um bine	ground plum	dog's tooth vi o let

EXERCISE 172

Dictation — *M. H. Krout*

They drive home the cows from the pasture,
  Up through the long shady lane,
Where the quail whistles loud in the wheat-fields,
  That are yellow with ripening grain.
They find, in the thick waving grasses,
  Where the scarlet-lipped strawberry grows.
They gather the earliest snowdrops,
  And the first crimson buds of the rose.

EXERCISE 173

The Fundamental Operations

ad di tion	sub trac tion	mul ti pli ca tion	di vi sion
ad dends	min u end	mul ti pli er	div i dend
sum	sub tra hend	mul ti pli cand	di vi sor
plus	re main der	fac tors	quo tient
a mount	dif fer ence	prod uct	ra ti o

EXERCISE 174

Money

cent	ea gle	far thing	pound
dime	bill	pen ny	sov er eign
dol lar	green back	pence	guin ea
quar ter	cur ren cy	shil ling	ster ling

EXERCISE 175

Measures

inch	square	gill	grain
foot	cu bic	pint	ounce
feet	a re a	quart	pound
yard	cord	gal lon	ton
rod	perch	bar rel	dram
mile	me ter	hogs head	pen ny weight
link	liq uid	chain	lin e ar

Write the words on this page in a column, and opposite each word write its proper abbreviation. The abbreviations may be found in your arithmetic. Do not omit the period, which is a part of each abbreviation.

EXERCISE 176

Dictation

ROBERT OF LINCOLN — *Bryant*

Robert of Lincoln's Quaker wife,
  Pretty and quiet with plain brown wings,
Passing at home a quiet life,
  Broods in the grass while her husband sings:
Modest and shy as a nun is she;
  One weak chirp is her only note.
Braggart and prince of braggarts is he,
  Pouring boasts from his little throat.

EXERCISE 177

mer ri ly	hid den	knows	knaves	gath er ing
swing ing	gay ly	grown	gar ment	fel low
bri er	wear ing	crea tures	wanes	si lent
weed	crest	thieves	strain	for got ten
near	plain	rob bers	frol ic	hum drum
dame	brood	cow ard ly	be stirs	crown

EXERCISE 178

The Children's Hour — *Longfellow*

be tween	de scend ing	un guard ed	ban dit ti
day light	si lence	cas tle	scaled
be gin ning	plan ning	climb	mus tache
low er	to geth er	tur ret	match
pause	sur prise	sur round	dun geon
oc cu pa tion	sud den	de vour	for tress
chil dren's	raid	blue-eyed	for ev er

Part III

FIFTH GRADE

EXERCISE 179

Dictation — *Gray*

The curfew tolls the knell of parting day;
  The lowing herd winds slowly o'er the lea;
The plowman homeward plods his weary way,
  And leaves the world to darkness and to me.

EXERCISE 180

Plowing

Note. — The first plow was probably the crotch of a tree with one branch broken off short.

land side	han dles	scour	sub soil	steam plow
mold board	plow share	wrench	head land	cul ti va tor
col ter	beam	straight	break ing	sulky plow
clev is	brace	fur row	fal low	cross plow

EXERCISE 181

Apple Orchard and Nursery

nurs er y	mulch	pock ets	hys lop	pip pin
seed ling	bear ing	har dy	rus set	tran scend ent
graft	bar rels	duch ess	spray ing	gen i ton
trans plant	cel lar	hy brid	green ing	seek-no-fur ther

EXERCISE 182

The Possessive Singular

NOTE. — The possessive singular is formed by adding an apostrophe and *s* ('*s*) to the nominative singular.

Ellen's Isle	Webster's orations
a king's excuse	Elizabeth's reign
Charles's deportment	Socrates's wife
the blacksmith's anvil	Cornwallis's surrender
my brother-in-law's house	the President's message

EXERCISE 183

Possessive Plurals

NOTE. — A plural ending in *s* adds an apostrophe to form its possessive. Plurals not ending in *s* add apostrophe and *s* to form the possessive.

kings' thrones	ladies' dresses	tailors' shears
boys' sports	voters' duties	bees' hives
men's wives	deer's horns	women's husbands
children's mouths	geese's cackle	mice's enemy

REMARK. — The possessive may be avoided by saying the *hives of the bees*, etc.

EXERCISE 184

The Four Forms of a Noun

NOTE. — From the preceding two lessons we see that a noun may have four forms. A few nouns like *deer* have but two forms.

boy	boys	boy's	boys'
child	children	child's	children's
man	men	man's	men's
deer	deer	deer's	deer's

EXERCISE 185

Cone-bearers

pine	cy press	con i cal
hem lock	ce dar	pitch
spruce	ar bor vi tæ	tar
fir	ju ni per	res in
bal sam	red wood	res in ous
tam a rack	ev er green	tur pen tine
larch	nee dles	pin ey
yew	cones	cō ni fer

EXERCISE 186

Dictation

THE FOOT-PATH WAY — *Bradford Torrey*

The pine wood loves a clean floor. Grasses and sedges, with all bushes, it frowns upon as a model housekeeper frowns upon dirt. A plain brown carpet suits it best, with a modest figure of green — preferably of evergreen — woven into it; a tracery of partridge-berry vine, or it may be of club moss with here and there a tuft of pipsissewa and pyrola.

EXERCISE 187

Under the Evergreens

To THE TEACHER. — Omit this lesson if too difficult or unfamiliar.

part ridge berry	bear ber ry	py ro la	clin to ni a
blue ber ry	ar bu tus	shin leaf	pipe wort
huc kle berry	win ter green	pine drops	trail ing
snow ber ry	pip sis se wa	cor al root	noise less

EXERCISE 188

Dictation

SEPTEMBER — *Helen Hunt*

The golden-rod is yellow,
  The corn is turning brown,
The trees in apple orchards
  With fruit are bending down.

The gentian's bluest fringes
  Are curling in the sun,
In dusky pods the milkweed
  Its hidden silk has spun.

The sedges flaunt their harvest
  In every meadow nook,
And asters by the roadside
  Make asters in the brook.

EXERCISE 189

Native Summer Flowers

Note. — In this and the following lessons check the plants that grow in your own vicinity. Omit the others for the present.

rose	mead ow rue	va le ri an	prim rose
lu pine	lark spur	blaz ing star	mon key flow er
phlox	crane's bill	grin de li a	pain ted cup
ver vain	lead plant	lo be li a	skull cap
spurge	clo ver	hare bell	wa ter pep per
yuc ca	mead ow sweet	dog bane	tear thumb
puc coon	wil low herb	milk weed	spi der wort
crow foot	bed straw	beard tongue	night shade

EXERCISE 190

Forms of Land and Water

plain	pla teau	ar-*ch*i pel a go
peak	val ley	re lief
cape	moun tain	o cean
beach	sys tem	gulf
pass	con ti nent	cliffs
range	prom on to ry	es tu ar y
is land	high land	strait
isth mus	pen in su la	reef

EXERCISE 191

A River System

source	cur rent	sed i ment	trib u ta ry
stream	roil y	de pos it	al lu vi al
chan nel	cas cade	wear ing	ir ri ga tion
banks	ba sin	can yon	con flu ence
mouth	del ta	riv u let	cat a ract
creek	fer tile	drain age	nav i ga ble

EXERCISE 192

Applied to Lakes

salt	sa line	ice bound	pond
brack ish	shore	gla cial	la goon
fresh	depth	lake port	bay ou
in let	deep	ship ping	in land
out let	clear	dried up	shal low

EXERCISE 193

The Death of the Flowers — *Bryant*

To the Teacher. — Read this poem as an opening exercise some autumn morning.

mel an chol y	sis ter hood	sound	stream
heaped	race	heard	brief
hol lows	fair	smok y	un meet
rus tle	clear	search es	per ish
tread	plague	whose	such
gloom y	bright ness	fra grance	bore

EXERCISE 194

Native Autumn Flowers

as ter	sun flow er	cone flow er
i ron weed	Joe-Pye weed	sneeze weed
gen tian	leaf cup	car di nal
beech drops	com pass plant	ge rar di a
ha zel	ox eye	la dies' tress es

Add the names of autumn flowers not in the list.

EXERCISE 195

Medicinal Plants

gin seng	sar sa pa ril la	Cul ver's phys ic	gold thread
yar row	spike nard	wild mint	lo be li a
ar ni ca	snake root	wild ber ga mot	pep per mint
cat nip	pen ny roy al	sas sa fras	witch-haz el
tan sy	bone set	sweet flag	hore hound

EXERCISE 196

The County Fair

ex hib it	live stock	gates	ex hib it ors
pre mi um	dai ry	crowd	com pet i tors
sweep stakes	poul try	grounds	hor ti cul tur al
ra cing	flo ral	for age	veg e ta bles
en trance	nee dle work	grain	im ple ments
en tries	judg ing	fruit	fur ni ture
dis play	a ward	fakes	hand i cap

EXERCISE 197

Vegetables

po ta to	peas	cant a loupe	sweet po ta to
to ma toes	beans	musk mel on	yam
ground cher ry	pep per	wa ter mel on	sweet corn
car rot	pars ley	cu cum ber	on ion
tur nip	let tuce	gourd	cab bage
beet	as par a gus	pump kin	cel er y
pars nip	pie plant	squash	cau li flow er
rad ish	rhu barb	cit ron	ar ti choke

EXERCISE 198

Requisites to Plant Growth

To the Teacher. — This lesson is designed to follow instruction on the way a plant gets its food, etc. Omit over-difficult words.

air	till age	ox y gen	phos phor us	sil i ca
mois ture	earth y	sul phur	po tas si um	so da
light	wa ter	hy dro gen	mag ne si um	cal ci um
warmth	car bon	ni tro gen	chlo rine	hu mus

EXERCISE 199

Plants without Flowers

pond scum	mil dew	puff ball	shield fern
al gæ	wheat rust	li chens	walk ing leaf
mold	corn smut	moss es	brack en
fun gi	mush room	club moss	maid en hair
yeast	toad stool	ad der's tongue	scour ing rush

EXERCISE 200

Some Grasses

Note. — The family of grasses is the most useful family in the plant kingdom. If a stem is three-cornered, it is likely to be the stem of a sedge — not of a grass.

rye	red top	wild oats	broom corn
oats	tim o thy	fox tail	chess
bar ley	rice	old witch	dar nel
Ind ian corn	wild rice	pan ic	squir rel tail
wheat	reeds	bot tle brush	mus kit
sor ghum	mil let	blue grass	barn yard
sug ar cane	couch grass	fes cue	wild rye
cane	mel ic	or chard	buf fa lo

EXERCISE 201

Native Aquatic Plants

Note. — *Wort* means *plant.*

wa ter shield	pipe wort	pond weed	mare's tail
wa ter mar i gold	bul rush	duck weed	pond lil y
float ing heart	cat tail	eel grass	sea weed
blad der wort	ar row head	pic ker el weed	cal la

EXERCISE 202

Who is he?

tall	el o quent	pa tient
raw-boned	rail-split ter	care worn
home ly	plain	mourned
jok er	shrewd	birth day
cab in	far-see ing	ob serve
self-made	sor row ing	na tion
rug ged	pres i dent	hol i day
hon est	large-heart ed	wor thy

EXERCISE 203

Lincoln's Last Journey

death	pall-bear ers	hearse	crape
corpse	train	bur y	wreath
fu ner al	mourn ers	cem e ter y	sor row
ser vice	sta tions	tomb stone	mem o ry
Wash ing ton	Spring field	ep i taph	hon ored

EXERCISE 204

A Public Library

shelve	cat a log	trav el ing	in dex
shelf	pur chase	lit er a ture	doc u ments
shelv ing	fic tion	con sult	bor row
is sue	his to ry	mag a zine	tier
pa tron	sci ence	li bra ri an	re bind
en ti tled	guar an tee	com pile	fo li o
re spon si ble	ex pire	sten cil	oc ta vo

EXERCISE 205

Factoring

e ven	mul ti ple	pro ceed
odd	great est	di vis i ble
prime	least	prin ci ples
com pos ite	com mon	ver i fy
fac tor	re quired	ex cess

EXERCISE 206

Fractions

in te ger	vul gar	e quiv a lent
u ni ty	re duce	can cel la tion
e qual	dec i mal	in vert ing
al i quot	whole	de nom i na tor
mixed	given	nu mer a tor
frac tion	low est	sim pli fy
val ue	com plex	im prop er
proc ess	sim ple	re quired

EXERCISE 207

The Police

of fi cer	sta tion	u ni form	flee
ser geant	beat	de tail	chase
squad	pa trol	in spect	pur sue
pre cinct	warn	re port	es cape
pa rade	no ti fy	du ty	re lease
chief	ar rest	pre serve	re press
mar shal	lock up	or der	ri ot

EXERCISE 208

Air in Motion

wind	storm	bliz zard	tor na do
gale	squall	whirl wind	hur ri cane
gust	trades	tem pest	ty phoon
breeze	cy clone	zeph yr	drought
blast	cur rent	si moom	ven ti la tion

EXERCISE 209

The Star-Spangled Banner

dawn's	rock ets	re flect ed	be tween
proud ly	bombs	swore	des o la tion
hailed	re pos es	hav oc	peace
twi light's	haugh ty	pol lu tion	res cued
gleam ing	fit ful ly	ref uge	pre served
per il ous	con ceals	hire ling	con quer
ram parts	dis clos es	star-span gled	mot to
gal lant ly	gleam	free men	tri umph

EXERCISE 210

Presidents of the United States

Wash ing ton	Van Bu ren	Buch an an	Cleve land
Ad ams	Har ri son	Linc oln	Har ri son
Jef fer son	Ty ler	John son	Cleve land
Mad i son	Polk	Grant	McKin ley
Mon roe	Tay lor	Hayes	Roos e velt (rōz)
Ad ams	Fill more	Gar field	
Jack son	Pierce	Ar thur	

EXERCISE 211

Dictation

THE LANDING OF THE PILGRIMS — *Hemans*

The breaking waves dashed high
  On a stern and rock-bound coast,
And the woods against a stormy sky
  Their giant branches tossed.

And the heavy night hung dark
  The hills and waters o'er,
When a band of exiles moored their bark
  On the wild New England shore.

EXERCISE 212

The Pilgrims

land ed	church es	leave	a sy lum
Ply mouth	Brad ford	ways	dif fer ent
na tive	lis ten	yield	May flow er
be cause	be lieve	sailed	Speed well
wor ship	Dutch	rough	min is ters
cheat ed	Hol land	leak y	De cem ber

EXERCISE 213

Scroo by	free dom	fare well	Car ver
re li gion	de cid ed	pas tor	Brews ter
ref u gees	em i grate	kneeled	Stand ish
Ley den	mer chants	wan der ers	suf fer ing
prop er ly	fur nished	cab in	in tense
treat ed	mon ey	com pact	fore fath ers

EXERCISE 214

Parts of a Ship

deck	spar	tac kle	cap stan	hatch way
keel	shroud	rig ging	sky light	scup pers
prow	mast	com pass	fore mast	bin na cle
stern	sail	an chor	hal yard	star board
hull	boom	rud der	pi lot house	wind lass
helm	hold	bulk head	gun wale	till er

Note. — Your large dictionary probably has a cut of a ship that will assist in explaining the meaning of unfamiliar words.

EXERCISE 215

An Ocean Voyage

wharf	pass port	purs er	sa loon	Grand Banks
friend	cap tain	stew ard	steam er	por poise
a dieu	mate	boat swain	log book	sea gulls
sea sick	pi lot	steer age	fog horn	custom house

EXERCISE 216

Firearms

ri fle	mus ket	pow der	flash
shot gun	bar rel	wad	re port
pis tol	ram rod	bul let	cal i ber
re volv er	sight	car tridge	dou ble
car bine	load	dis charge	smooth bore
breech	stock	guard	trig ger
muz zle	aim	per cus sion	re peat er
fowl ing piece	dan ger ous	cau tion	ac ci dent

EXERCISE 217

Of Various Occupations

bak er	mer chant	coop er	shoe mak er
butch er	drug gist	paint er	po lice man
gro cer	tai lor	bar ber	jan i tor
farm er	plumb er	mill er	en gi neer
law yer	black smith	tin ner	car pen ter
doc tor	ma son	weav er	book keep er
deal er	min er	flo rist	me chan ic

NOTE. — *Plumb* means *lead*. Hence a plumber is first of all one who fits lead pipes in a house.

EXERCISE 218

Scratchers

NOTE. — Our domestic chickens are Asiatic scratchers. Chickens still run wild in southeastern Asia under the name of jungle fowls. The turkey is of American descent. Wild turkeys are yet found in the southern Alleghanies.

grouse	quail	par tridge	dove
prai rie hen	Bob White	heath hen	pi geon
ptar mi gan	pheas ant	tur key	pea cock

EXERCISE 219

Relating to the Teeth

gums	drill	nerve	tooth pick
teeth	fill ing	false	wood en
de cay	en am el	bridge	quill
tar tar	ce ment	pain	tep id
tooth ache	ex tract	den tist	mo lar
cav i ty	twinge	in ci sor	ca nine

EXERCISE 220

Dictation

THE SANDPIPER — *Thaxter*

Across the lonely beach we flit,
  One little sandpiper and I,
And fast I gather, bit by bit,
  The scattered driftwood, bleached and dry.
The wild waves reach their hands for it,
  The wild wind raves, the tide runs high,
As up and down the beach we flit,
  One little sandpiper and I.

EXERCISE 221

Swimmers, Divers, Waders, and Shore Birds

To the Teacher. — Omit unfamiliar words.

duck	loon	auk	wood cock	pel i can
goose	stork	her on	grebe	tern
brant	i bis	snipe	coot	cor mo rant
teal	bit tern	plov er	gull	can vas back
wid geon	crane	kill deer	pet rel	al ba tross
swan	rail	cur lew	gan net	sand pi per

EXERCISE 222

The Seashore

beach	tide	strand	shin gle	sea breeze
surf	crest	shoal	brin y	un der tow
sands	trough	o cean	break er	un rest ing
ebb	foam	bil low	ship wreck	ho ri zon
flood	froth	sea mew	light house	bound less

EXERCISE 223

Prefixes

Note. — A syllable or word is sometimes placed before a word to form a new word. For example, we place *re-* before *paid* and form *repaid*. Such a syllable or word is called a prefix.

Separate each of the following words into a prefix and the word before which the prefix has been placed. Model. — *Bicycle = bi + cycle.*

repay	withhold	benumb	surmount	conjunction
prepay	misspell	forbear	bicycle	recommend
ahead	redress	adverb	forget	amphitheatre
unfair	despite	overload	encircle	understand

Select twenty such compound words from your reader. Write them in a list as shown by the model you have just read.

EXERCISE 224

Some of the more common prefixes are:

a-	en-	fore-	out-	to-	under-
be-	for-	mis-	over-	un-	with-

Select a suitable prefix for each of these words. Model. — *En + snare = ensnare.*

board	snare	draw	bend	go
cast	speak	bind	stood	sell
fair	done	step	tell	bear
tangle	fortune	side	bound	give
pay	run	day	night	warm

Select twenty words from your reader and make compound words of them by the use of prefixes.

EXERCISE 225

The Telephone

hel lo	con nec tion	vi bra tion
cen tral	ground wire	in ter fere
ex change	tel e phone	di rect o ry
switch board	dis tance	di a phragm
op er a tor	voice	Ed i son

EXERCISE 226

Water Works

mains	waste	pres sure
hy drant	rates	res er voir
me ter	fil ter	con sump tion
ser vice	plumb er	pump ing
fix ture	fau cet	reg is trar
sink	pen al ty	res i dence
leak	sprink ling	plumb ing

EXERCISE 227

The Post Office

stamp	dai ly	for eign	reg u la tion
seal	par cel	spe cial	post mas ter
weigh	can cel	car ri er	gen er al
ounce	ad dress	do mes tic	ru ral
mail	box rent	star route	de liv er y
hours	post age	dis trib ute	wrap per
card	post al	through	reg is ter
pouch	un ion	post paid	post haste

EXERCISE 228

Household Furniture

chair	stool	man tel
rock er	ta ble	pic tures
so fa	bench	book case
lounge	stove	sec re ta ry
couch	fur nace	hall rack
car pet	ra di a tor	clock
shades	fire place	pi an o

EXERCISE 229

Chamber Furniture

bed stead	rugs	brush
mat tress	tow els	comb
pil lows	soap	com mode
cov er let	sponge	pitch er
blan kets	cur tains	wash bowl
quilt	bu reau	ward robe
sheet	mir ror	screen

EXERCISE 230

The Kitchen Stove

hearth	wood box	draft	ash pan
lid	fu el	flues	fire box
hook	crock	damp er	soot
pok er	ov en	pipe	smoke
grate	stove	joint	shov el
cin ders	zinc	el bow	shin ing

EXERCISE 231

A Sewing Machine

tread le	frame	gauge	quilt er
shut tle	draw er	ten sion	hem mer
bob bin	oil can	stitch	bind er
speed	break	op er ate	wrench
fly wheel	feed	in ven tion	ruf fler

EXERCISE 232

At the Dressmaker's

basque	cut ting	shir ring	lin ing
skirt	fit ting	bi as	tuck ing
style	frills	but ton hole	bind ing
fash ion	ruch ing	wrap per	gimp
pat tern	seams	fa cing	fell ing
gored	ruf fles	flounce	braid
in ser tion	hem stitch	gown	buck ram

EXERCISE 233

Kinds of Cloth

vel vet	mus lin	flan nel	beav er
sat in	cam bric	cash mere	broad cloth
lin en	ging ham	me ri no	serge
per cale	cal i co	si le sia	mel ton
sat een	al pac a	drill ing	jean
dim i ty	vel vet een	chal lis	duck
chintz	den im	frieze	cor du roy
de laine	bro cade	baize	cas si mere

EXERCISE 234

Dictation

How far that little candle throws his beams!
So shines a good deed in a naughty world.

SHAKESPEARE — *Merchant of Venice.*

Night's candles are burned out, and jocund day
Stands tiptoe on the misty mountain tops.

SHAKESPEARE — *Romeo and Juliet.*

EXERCISE 235

Light

lamp	shade	ex tin guish
chim ney	me ter	lan tern
wick	globe	pow er house
bowl	brack et	wir ing
ker o sene	can dle stick	switch
light	tal low	con duit
gas bill	molds	dy na mo
chan de lier	snuff ers	cir cuit

EXERCISE 236

From the Butcher's Shop

beef	steak	ham	cut let
pork	chops	su et	spare ribs
mut ton	liv er	sau sage	sir loin
veal	heart	poul try	por ter house
fish	souse	tal low	ten der loin
oys ters	lard	ba con	sweet bread
game	tripe	knuc kle	ven i son

EXERCISE 237

The Horse

Note. — The horse is thought to be a native of the uplands in central Asia. The wild horses of the American plains were introduced by the Spaniards.

A ra bi an	hack ney	trot ter	foal
Per che ron	Shet land	draft horse	colt
Clydes dale	ra cer	po ny	fil ly
coach	pa cer	steed	geld ing
Nor man	work horse	stal lion	coun ty fair
Mor gan	driv er	brood mare	pre mi um

EXERCISE 238

The Care of the Horse

horse shoe	groom	sta ble	mane
shoe ing	break	man ger	tail
glan ders	pace	stall	fore lock
lin i ment	gal lop	lit ter	fet lock
spav in	far ri er	ground feed	pas tern
dis tem per	cur ry comb	teth er	with ers
vet er i na ry	horse hide	in ter fere	hock

EXERCISE 239

Horse Gear

hal ter	crup per	leath er	sad dle
check rein	sur cin gle	har ness	bri dle
snaf fle	breech ing (brĭch)	wax thread	pom mel
col lar	re pair	sad dler's awl	stir rup
hames	hand made	clamp	girth
tra ces	buc kle	bris tle	cinch

EXERCISE 240

Building Material

Note. — The first dwelling-houses were caves. The first houses made with hands were probably made of sticks in the tree-tops to escape wild animals.

slate	stone	mar ble	a do be	glass
brick	lime stone	ce ment	i ron	put ty
wood	gran ite	tile	plas ter	hard ware
tim ber	free stone	mor tar	nails	door knob

EXERCISE 241

Parts of a Dwelling-house

frame	ga ble	base ment	man tel
beam	chim ney	foun da tion	lat tice
porch	fur nace	fire place	shut ters
peak	heat er	ve ran da	awn ing
ridge	floor	door sill	ris ers
steps	ceil ing	thresh old	pip ing
roof	win dow	stair way	tub ing
sills	treads	en trance	plumb ing
hinge	blinds	gal ler y	par ti tion

EXERCISE 242

In a Lumber Dealer's Bill

joists	shin gles	sash	weath er boards
scant ling	sheath ing	matched	clap boards
floor ing	fen cing	di men sion	planed
pie ces	lath	stud ding	tim ber
bat tens	grooved	plank	lime
mold ing	lum ber	raft er	bal us ter

EXERCISE 243

Dictation

THE CULPRIT FAY — *Drake*

The winds are whist, and the owl is still,
  The bat in the shelvy rock is hid,
And naught is heard on the lonely hill
But the cricket's chirp and the answer shrill
  Of the gauzy-winged katydid,
And the plaint of the wailing whip-poor-will.

TO THE PUPIL. — What season of the year has the poet in mind?

EXERCISE 244

Insects

fly	crick et	mos qui to	lar væ
bee	lo cust	but ter fly	co coon
ant	mill er	grass hop per	chrys a lis
wasp	fire fly	ka ty did	a dult
louse	cock roach	tum ble bug	mouth-parts
flea	bee tle	la dy bug	an ten næ
gnat	chinch bug	cat er pil lar	tho rax
midge	hawk moth	walk ing-stick	ab do men
moth	sheep tick	coch i neal	ex am ine

EXERCISE 245

Some Relatives of the Insects

crab	lob ster	spi der
shrimp	cray fish	weav er
mite	scor pi on	tar an tu la
wood tick	cen ti pede	dad dy long legs

EXERCISE 246

Dictation

Coward, — of heroic size
In whose lazy muscles lies
Strength we fear and yet despise;
Savage, whose relentless tusks
Are content with acorn husks;
Robber, whose exploits ne'er soared
O'er the bee's or squirrel's hoard;
Whiskered chin and feeble nose,
Claws of steel and baby toes.

BRET HARTE.

TO THE PUPIL. — Which animal in the next lesson is here described?

EXERCISE 247

Flesh-eating and Fur-bearing

seal	skunk	fer ret	coy o te	pu ma
rac coon	badg er	cat a mount	wild cat	shrew
o pos sum	wol ver ene	wea sel	stoat	mole
bear	sa ble	er mine	lynx	bat
griz zly	mar ten	fox	pan ther	li on
ot ter	mink	wolf	cou gar	ti ger

EXERCISE 248

Herb-eating and Fur-bearing

hare	go pher	wood chuck	squir rel
rab bit	pouch es	ground hog	fly ing
cot ton tail	musk rat	prai rie dog	chip munk
por cu pine	bea ver	bur rows	gnaw ers
field mouse	webbed	mar mot	ro dent

EXERCISE 249

Dictation

EACH AND ALL — *Emerson*

I thought the sparrow's note from heaven,
Singing at dawn on the alder bough;
I brought him home, in his nest, at even;
He sings the song, but it pleases not now;
For I did not bring home the river and sky;
He sang to my ear — they sang to my eye.

EXERCISE 250

Old Acquaintances

king bird	spar row	blue bird
crow	swal low	rob in
jay	mar tin	hum ming bird
ra ven	war bler	whip poor will
o ri ole	thrush	yel low-ham mer
mead ow lark	cat bird	wood peck er
bob o link	mock ing bird	king fish er
black bird	wren	cuck oo
lin net	chick a dee	par rot

EXERCISE 251

Less Familiar Birds

gros beak	red start	king let	sap suck er
cross bill	wag tail	gnat catch er	wry neck
tan a ger	thrash er	stone chat	vir e o
wax wing	creep er	veer y	tit mouse
shrike	nut hatch	swift	flick er

EXERCISE 252

Dictation — *Charles Dickens*

Oh, a dainty plant is the ivy green,
  That creepeth o'er ruins old!
Of right choice food are his meals, I ween,
  In his cell so lone and cold.
Creeping where no life is seen,
  A rare old plant is the ivy green.

EXERCISE 253

Native Climbing Herbs

wood bine	ground nut	trum pet flow er
clem a tis	wild cu cum ber	hop vine
vir gin's bow er	bind weed	green brier
moon seed	dod der	climb ing fern

EXERCISE 254

Native Climbing Shrubs

hon ey suc kle	grape	Vir gin i a creep er
bit ter sweet	wis ta ri a	jas mine

EXERCISE 255

Parts of a Flower

ca lyx	fil a ments	style
se pals	an ther	stig ma
co rol la	pol len	o vules
pet als	pis til	seed
sta mens	o va ry	re cep ta cle

EXERCISE 256

The Firemen

a larm	build ing	fall ing
read y	noz zles	wind y
driv er	cou ple	steam
hors es	hy drant	smoke
gal lop	stream	smol der
en gine	trum pet	ex tin guish
hose cart	flames	re turn
lad ders	sparks	cause

EXERCISE 257

Telegraph Service

wire	mes sage	dis patch	tel e gram
pole	sound er	bat ter y	tel e graph
send	re ceive	com pa ny	in stru ment
haste	op er a tor	re lay	mes sen ger
key	de liv er	re ply	e lec tric i ty

EXERCISE 258

Street Cars

cit y	cur rent	seat	pas sen ger
un der ground	dy na mo	el der ly	in di ca tor
e lec tric	con duct or	well-bred	fran chise
o ver head	fares	en ter	ac ci dent
trol ley	please	sig nal	crowd ed
mo tor	trans fer	leave	em ploy ee
care ful	safe ty	guard	pow er house

EXERCISE 259

Dictation

CONCORD HYMN — *Emerson*

By the rude bridge that arched the flood,
  Their flag to April's breeze unfurled,
Here once the embattl'd farmers stood,
  And fired the shot heard round the world.

On this green bank, by this soft stream,
  We set to-day a votive stone;
That memory may their deed redeem,
  When like our sires, our sons are gone.

EXERCISE 260

Paul Revere's Ride — *Longfellow*

lis ten	mean while	gal loped	his to ry
a live	im pa tient	Lex ing ton	wak en
re mem ber	op po site	Con cord	hoof beats
lan tern	steed	ly ing	mid night
a loft	fear less	pierced	mes sage
sig nal	fleet	red coats	de fi ance

EXERCISE 261

In Good Old Colony Times

stage coach	tin der	flail	spin ning wheel
fire place	sic kle	tongs	harp si chord
wood en	snuff ers	crane	pil lion
town pump	fer ries	set tle	per uke
can dle mold	and i rons	loom	knee buc kle
duck ing stool	witch es	queue	pil lo ry

EXERCISE 262

Columbus

Gen o a	mar ried	queen
boy hood	daugh ter	helped
wool-comb er	sea cap tain	Pa los
want ed	planned	ves sels
be come	route	sea men
sail or	west ward	a fraid
learned	seek ing	crew
ge og ra phy	In dies	er ror
map draw ing	poor	de mand ed

EXERCISE 263

Columbus (*continued*)

cour age	carved	un cer tain	thought
prom ised	walk ing-stick	cop per y	main land
faint-heart ed	sight ed	paint ed	A si a
land birds	new world	feath ers	ar rest
float ing	home ward	par rots	load ed
branch	ar riv al	pres ents	neg lect
thorn bush	pro ces sion	oth er	pov er ty
ber ries	or na ments	voy a ges	bur i al

EXERCISE 264

With Needle and Thread

sew	o ver cast	plait	knit
stitch	bind	mend	cro chet (sha)
baste	shirr	darn	bind
hem	pleat	patch	line

EXERCISE 265

Dictation

THE GREENWOOD TREE — *Shakespeare*

Under the greenwood tree
Who loves to lie with me,
And turn his merry note
Unto the sweet bird's throat,
Come hither, come hither, come hither;
Here shall we see
No enemy,
But winter and rough weather.

EXERCISE 266

Forestry

shade	growth	for est ry	ev er green
shel ter	copse	re serve	de cid u ous
can o py	thick et	de nude	Black For est
foot path	tim ber	floods	Sher wood
ra vine	wind break	drouth	Rob in Hood

EXERCISE 267

Deciduous Trees

ash	asp en	wal nut	mag no li a
oak	lo cust	but ter nut	cof fee tree
elm	wil low	cot ton wood	gum tree
birch	bass wood	box el der	mul ber ry
ma ple	hick o ry	hack ber ry	tu lip tree
pop lar	buck eye	horn beam	syc a more
beech	ca tal pa	chest nut	tu pe lo

EXERCISE 268

Dictation

Then wrought the busy harvesters,
And many a creaking wain
Bore slowly to the long barn floor
Its load of husk and grain.

WHITTIER.

And we danced around the maypole and in the hazel copse,
Till Charles's wain came out above the tall white chimney tops.

TENNYSON.

EXERCISE 269

A Farm Wagon

NOTE. — *Wagon* is an old Scandinavian word that we have used for several hundred years. We also borrowed *waggon* with two *g*'s from the Dutch, but this form has gone out of use. The corresponding English word is *wain*, still in use by the poets.

fel loe	stake	wag on	king bolt	dou ble tree
spoke	thim ble	ax le	brake	sin gle tree
tire	grease	hounds	brace	neck yoke
tongue	burr	bol ster	whif fle tree	linch pin

EXERCISE 270

Haymaking

mead ow	mow er	wind row	threat en ing
tim o thy	sic kle	hay rake	has ten
red top	grind stone	pitch fork	hay mow
scythe	swaths	hay rack	pat ter ing
whet	ted der	weath er	rain drops

EXERCISE 271

Dictation — *Burroughs*

Our native weeds are for the most part shy and harmless, and retreat before cultivation, but the European outlaws follow man like vermin; they hang to his coat skirts, his sheep transport them in their wool, his cow and horse in tail and mane. Weeds are great travelers; they are, indeed, the tramps of the vegetable world. They are going east, west, north, south; they walk; they fly; they swim; they steal a ride; they travel by rail, by flood, by wind; they go under ground, and they go above, across lots and by the highway. But like other tramps, they find it safest by the highway; in the fields they are intercepted and cut off; but on the public road, every boy, every passing drove of sheep or cows, gives them a lift. Hence the incursion of a new weed is generally first noticed along the highway or the railroad.

EXERCISE 272

Old Settiers from Europe

bur dock	stick seed	mus tard	quack grass
cat nip	tan sy	night shade	shep herd's purse
chick weed	mul lein	plan tain	sheep sor rel
dan de li on	mal low	purs lane	hound's tongue

EXERCISE 273

Native Weeds

this tle	rag weed	bur mar i gold	goose foot
mug wort	pep per grass	Span ish nee dles	poke weed
rag wort	beg gar's lice	squaw weed	smart weed
fire weed	horse weed	hawk weed	horse mint
knot weed	coc kle bur	wild let tuce	tick seed

PART IV

SIXTH GRADE

EXERCISE 274

NOTE. — The English language has been a great traveler and borrower. This is one reason why we have so many words. For instance, we have *carmine* and *crimson* from India, *scarlet* from Persia; *ruby* is Latin, *rouge* is French, while *red* is our honest old English word. Sometimes a word has wandered through several countries before it has been adopted by English-speaking people. The following words are strictly English:

wrig gle	thwack	greed y	blind fold
weath er	mis deed	nick name	knowl edge
quag mire	gnarled	an swer	fore thought
home stead	sweet heart	be have	ho li ness
bur i al	hear say	be lieve	a shamed
i ci cle	to ward	a sleep	af ter ward

EXERCISE 275

Found in Many Languages

NOTE. — These words are almost alike in the Latin, Greek, Celtic, Russian, German, Dutch, English, and Scandinavian languages.

fa ther	horse	weave	wool	field
moth er	hog	reap	cart	yoke
broth er	goose	milk	ax	cow
sis ter	mouse	boat	knife	clothes
daugh ter	plow	house	sheep	grind

EXERCISE 276

In the Flower Garden

pan sy	pop py	car na tion	he li o trope
pink	ver be na	a lys sum	for get-me-not
bal sam	dah lia	snap drag on	morn ing-glo ry
as ter	fuch sia	nas tur tium	four-o'clock
zin ni a	lark spur	hol ly hock	mí gnon ette[1]
dai sy	cocks comb	pe tu ni a	chrys an the mum
lil y	prim rose	mar i gold	por tu la ca

[1] min′ yŭn ĕt.

EXERCISE 277

Special Flavors

lem on	cloves	nut meg	car a way
va nil la	gin ger	alm ond	win ter green
cin na mon	mus tard	all spice	pep per mint
pine ap ple	pep per	sage	straw ber ry

EXERCISE 278

Native Upright Shrubs

To the Teacher. — Omit unfamiliar shrubs and add others.

thorn	ha zel	sy rin ga	hon ey suc kle
el der	black haw	sas sa fras	O sage or ange
lau rel	pa paw	Jer sey tea	Lab ra dor tea
hop tree	shad bush	blad der nut	kin ni ki nic
hol ly	buck thorn	moun tain ash	bush cran ber ry
waa hoo	nine bark	witch-ha zel	leath er wood
cor nel	wil low	a za le a	rho do den dron

EXERCISE 279

Verbs used in Geography

in clude	en hance	re place	ap proach
com plete	ap pear	com prise	mi grate
in crease	con tin ue	sep a rate	prac tice
con trast	en cour age	de scend	ex ist
pro duce	re main	con nect	be come
con tain	sub merge	sup port	u nite
main tain	re claim	ef fects	nes tle

Make a similar list from your geography lesson for to-day.

EXERCISE 280

Roads and Road-making

course	grav el	grad ed	mac ad am
trail	ston y	roll er	met al ing
blaze	coarse	stag nant	e con o my
por tage	ve hi cle	ma te ri al	en ter prise
cul vert	cy cle path	pass a ble	com mu ni ty
cin der	cor du roy	sur fa cing	thor ough fare

EXERCISE 281

Local Government

squire	au di tor	di rect or	sec re ta ry
judge	treas ur er	re cord er	se lect men
may or	as sess or	cor o ner	comp trol 'er
jus tice	con sta ble	sur vey or	com mis sion ers
sher iff	al der man	reg is ter	pound mas ter
trus tee	coun cil man	at tor ney	su per vi sor

EXERCISE 282

Dictation — *Coleridge*

And now there came both mist and snow,
And it grew wondrous cold:
And ice, mast high, came floating by,
As green as emerald.

EXERCISE 283

dwarf	gla ciers	li chens	Green land whale
wil lows	ice berg	tun dras	arc tic hare
shrubs	ice floe	whale bone	mid night sun
seal	blub ber	au ro ra	bo re ā lis
Es ki mo	white bear	ei der down	ptar mi gan

EXERCISE 284

The Seal's Lullaby — *Kipling*

Oh! hush thee, my baby, the night is behind us,
  And black are the waters that sparkled so green.
The moon, o'er the combers, looks downward to find us
  At rest in the hollows that rustle between.
Where billow meets billow, there soft be thy pillow;
  Ah, weary wee flipperling, curl at thy ease!
The storm shall not wake thee, nor shark overtake thee,
  Asleep in the arms of the slow-swinging seas.

EXERCISE 285

Sit ka	Be ring	to tem poles	Muir gla cier
bleak	Yu kon	rook er ies	Pri bi lof
plac er	St. E li as	sea ot ter	fur-bear ing
A leu ti an	Coast Range	fur trade	Daw son Cit y

EXERCISE 286

Our Lady of the Snows—*Kipling*

A nation spoke to a nation—
  A throne sent word to a throne:
"Daughter am I in my mother's house,
  But mistress in my own.
The gates are mine to open
  As the gates are mine to close,
And I abide in my mother's house,"
  Said our lady of the snows.

EXERCISE 287

Canadian Waters

Hud son	Mac ken zie	Ot ta wa	St. Law rence
Fun dy	Win ni peg	Great Bear	Sas katch e wan
Fra ser	Rain y Lake	Wel land	Lake of the Woods
Baf fin	Klon dike	Ath a bas ca	As sin i boine

EXERCISE 288

Van cou ver	To ron to	St. Johns	Char lotte town
Cal ga ry	Ot ta wa	Hal i fax	Fred er ic ton
Bat tle ford	Que bec	Ham il ton	Win ni peg
Re gi na	Mon tre al	Kings ton	Port Ar thur

EXERCISE 289

Sel kirk	prov in ces	Man i to ba	New Found land
Banff	Can a da	On ta ri o	No va Sco tia
loy al ty	Ca na di an	do min ion	New Bruns wick
par lia ment	prai ries	fish ing banks	French de scent

EXERCISE 290

Scandinavian Words

NOTE. — England was overrun by the Scandinavians more than a thousand years ago. Scandinavian kings sat on the principal English throne and extensive Scandinavian settlements introduced many words into the English language. These words have been in use so long that they now seem quite English.

club	dai ry	tern	keel	flag
both	root	snipe	rouse	kid
scorch	bloom	tip ple	scoop	egg
skill	loon	shriek	brin dled	kid ney

EXERCISE 291

Additional Scandinavian Words

squeak	lunch	vi king	squeal	doze
by-law	ran sack	tip sy	smug gle	scuf fle
keg	ti dings	scud	bunk	frec kle
sneer	gaze	squab ble	squan der	slouch

EXERCISE 292

Words much changed in Meaning

knave, *a boy.*
cow ard, *a stumpy-tailed rabbit, a runaway.*
stew ard, *a sty ward, a feeder of pigs.*
coop, *a basket.*
clum sy, *benumbed with cold.*
knit, *to knot.*
loaf er, *a runner, one with nothing to do at other times.*
ton, *a large cask or barrel.*
deer, *a wild animal of any kind.*
gal lon, *a large bowl.*
pas tor, *a keeper of sheep.*
mi ser, *one in misery.*
wife, *a woman, a female.*

EXERCISE 293

Find words which are akin to these. Use a dictionary if necessary. EXAMPLES. — ***Rejoice**, **joy**, **joyous**, **rejoicing**, **enjoy**; **arm**, **disarm**, **armament**, etc.*

brave ly	pop u lar	an gle	prime	lone ly
arm	cold	re port	home	state
war fare	watch	live	re joice	kin ship
cir cle	light ness	law less	life	em ploy

EXERCISE 294

Copy the following diagram and with the help of your dictionary add words to each column. ***Sun** and **moon** are English words; **sol** and **luna** are the corresponding Latin words.*

1. *sun*	*sol*	*moon*	*luna*
2. sun beam, etc.	sol ar	month	lun a tic

EXERCISE 295

Some Compound Words not easily analyzed

wom en = wi (fe) + men. The letter *i* has been changed to *o*, but *o* still keeps the sound of short *i*; *men* at one time meant *persons*.

fort night = fo (u) rt (een) + night. Fourteen nights or two weeks.

shep herd = she (e) p + herd. One who herds sheep.

fur long = fur (row) + long. A furrow long; as long as a customary furrow.

al der man = elder + man. In early England the older, or elder, men were considered of right the leaders.

REVIEW LESSONS

EXERCISE 296

Words for Implements, Material, etc., derived from the Latin

an chor	fan	pa per	strap
box	form	pil low	tile
but ter	fork	pin	si lence
chalk	ket tle	pitch	sock
cheese	cent	plas ter	wine
chest	kitch en	pole	cir cle
crisp	lin en	post	noon
cop per	mill	pun ish	pen sion
col ter	mint	pum ice	pound
di et	mor tar	scut tle	mile
dish	pan sy	skil let	inch

EXERCISE 297

Military Terms, Names of Trees, etc., derived from the Latin

cas tle	ce dar	mal low	fe ver
street	palm	mint	lake
wall	pear	pea	mount
port	pine	pep per	doc tor
crown	plum	plant	school
trout	rose	pop py	au tumn
beet	re bus	mus cle	verse
fen nel	lil y	cook	cul prit
of fer	spend	stop	crisp

EXERCISE 298

Words relating to Religion derived from the Latin

NOTE. — The Christian religion was brought to England by monks whose services were conducted in the Latin language.

alms	bish op	cowl	mar tyr	priest
al tar	can dle	creed	Mass	prime
an gel	can on	dea con	min ster	psalm
an them	Christ	dev il	monk	min is ter
a pos tle	church	dis ci ple	nun	shrine
ark	clerk	font	Pope	tem ple

EXERCISE 299

Words derived from the Hebrew

NOTE. — Many proper names — Bible names — are Hebrew.

A men	ci der	Sab bath	al pha bet
bed lam	Jew	Sa tan	Je ho vah
balm	man na	Ja cob	ju bi lee
cam el	gauze	cher ub	el e phant
Mir i am	Ju dith	E noch	Da vid

EXERCISE 300

Brazil

Am a zon	rub ber	Bra zĭl ian	Por tu guese
sil vas	ē-ēa	tap i o′ ca	di a mond
blow guns	choc o late	mā′ ni oc	ba na na
poi soned	cō′ ca	dye woods	em er alds
mon keys	cō′ ca ĭne	mȧ hog′ ȧ ny	Ri o cof fee

EXERCISE 301

Animals of South America

con dor	pen guin	bo a con stric tor	lla ma
par rot	vul ture	al li ga tor	sloth
hum ming bird	ant bear	ar ma dil lo	al pac a
tou can	pec ca ry	ta pir	ja guar

EXERCISE 302

Countries and Cities of South America

To the Teacher. — If too difficult use as an exercise in pronunciation.

Co lŏm′ bi a
Bo go tä′
Pan a mä′
As pin wall
Gui ä′ nä
Cā yenne′
Par a măr′ i bo
George town
Ven e zuē′ la
Cä rä′ cäs
Va len′ ci a
Mär ä caī′ bo

Ec uā dor′
Quī′ to
Guāȳ a quīl′ (kēl)
Pe ru′
Lī′ mä
Käl lä′ o
Bo lĭv′i a
Su̇′ cre
Lä Paz′ (päth)
Po tō′ sĭ
Pär ä ḡuāy
Ä sun çi ōn′

Chī′ le
Sän tī ä′ gō
Väl pä raī′ sō
Ar ġĕn tī′ na
Bue (bō) nos Āi res
Ur u ḡuaȳ′
Mōn te vīd′ e ō
Bra zĭl′
Rī o de Jä ne′ ī rō
Bä hī′ ä
Sän′ tōs
Pä rä′

EXERCISE 303

From North American Indians

cau cus	hom i ny	squaw	moc ca sin
sa chem	o pos sum	wig wam	pem mi can
skunk	rac coon	pa poose	to bog gan
moose	wam pum	te pee	tom a hawk

EXERCISE 304

Gathering Brazil Nuts—*Dr. Smith*

Sometimes the gatherers are lost in the woods; sometimes canoes, loaded with nuts, are overturned in the rapids and the boatmen are drowned. But the grand danger—the one most dreaded—is that of falling nut capsules. They are five inches in diameter and weigh two or three pounds; falling a hundred feet or more, they come crashing through the branches like cannon-balls. The gatherers keep to their huts while the morning wind is blowing, and . . . occupy themselves at home, cutting open the hard cases with their heavy knives, and drying the nuts in the sun. When the wind dies away, men and women sally out to the gathering, bringing in the nuts on their backs in great baskets.

EXERCISE 305

Venezuela and Argentina

lla nos	as phalt	herds	Car ib be an
tree less	Trin i dad	graze	Mag da le na
sea son	Or i no co	parched	al li ga tors
sys tem	ram i fy	bur y	Eu ro pe an
pam pas	las so	Falk land	sparse ly set tled
tal low	half-breed	pen guin	thick ly peo pled
plumes	feath er y	Ant arc tic	Rio de la Pla ta

EXERCISE 306

The Andean Region

An des	In cas	rain less	loft i est	salt pe ter
ni ter	al pac a	rain i est	Bol i var	fer ti li zer
gua no	lla ma	Ma gel lan	chin chil la	po ta toes
cop per	sure-foot ed	par al lel	Tit i ca ca	Pi zar ro

EXERCISE 307

The Condor—*Darwin*

I was told by the country people in Chile that the condor makes no sort of nest, but in the months of November and December lays two large white eggs on a shelf of bare rock. It is said that the young condors cannot fly for an entire year; and long after they are able they continue to roost by night, and hunt by day with their parents. The old birds generally live in pairs; but among the inland basaltic cliffs I found a spot where scores must usually haunt. On coming to the brow of the precipice, it was a grand spectacle to see twenty or thirty of these great birds start heavily from their resting-place and wheel away in majestic circles.

EXERCISE 308

West Indies

Cu ba	An til les	Ha van a	Por to Ri co
Hai ti	great er	Ba ha mas	cor al reef
spon ges	less er	hur ri cane	San ti a go
ci gars	Brit ish	mu lat toes	Ber mu das
pas sage	Nas sau	Ja mai ca	on ions
wind ward	Kings ton	Bar ba dos	re sort

EXERCISE 309

Mexico

moist	cord age	tra versed	coch i neal
scourge	ham mocks	de scends	ma la ri a
peaks	hov els	ter raced	Vera Cruz
pul que (ks)	half-breed	ba na na	snow-cov ered
si sal	mag uey	cen tu ry	Mon te zu ma
fi ber	Cor tez	ce re als	tor til la

EXERCISE 310

Central America

Bel ize	in di go	vol ca noes	Ni ca ra gua
isth mus	Yu ca tan	earth quakes	Gua te ma la
log wood	Hon du ras	ship ca nal	Cos ta Ri ca
thatched	Blue Fields	Sal va dor	for eign trade

EXERCISE 311

In a Government Land Office

range	me an der	home stead	claim
town	sur vey	pre empt	a ban don
sec tion	wit ness	res i dence	shan ty
quar ter	blaze	pat ent	break ing
a cres	set tler	fil ing	im prove ment

EXERCISE 312

Real Estate Terms

ab stract	lease	mort gage	re ceipt	rec′ ord
ex am ine	trans fer	re lease	sat is fac tion	sale
con vey	ti tle	own er	fore close	lien
war ran ty	deed	rent er	re cord′	as sign

EXERCISE 313

The City Engineer's Office

town site	square	front age	pave ment	wa ter sys tem
plat	street	curb ing	as sess ment	hy drant
ad di tion	av e nue	gut ter	re bate	crew
reg is ter	al ley	sew er	res er voir	trans it

EXERCISE 314

North Atlantic	
Maine,	Me.
New Hampshire,	N. H.
Vermont,	Vt.
Massachusetts,	Mass.
Rhode Island,	R. I.
Connecticut,	Conn.
New York,	N. Y.
New Jersey,	N. J.
Pennsylvania,	Penn.
South Atlantic	
Delaware,	Del.
Maryland,	Md.
District of Columbia,	D. C.
Virginia,	Va.
West Virginia,	W. Va.
North Carolina,	N. C.
South Carolina,	S. C.
Georgia,	Ga.
Florida,	Fla.
Porto Rico,	P. R.
South Central	
Kentucky,	Ky.
Tennessee,	Tenn.
Alabama,	Ala.
Mississippi,	Miss.
Louisiana,	La.
Texas,	Tex.
Arkansas,	Ark.
Oklahoma Indian Territory,	I.T.
North Central	
Ohio,	O.
Indiana,	Ind.
Illinois,	Ill.
Michigan,	Mich.
Wisconsin,	Wis.
Iowa,	Ia.
Minnesota,	Minn.
Missouri,	Mo.
North Dakota,	N. D.
South Dakota,	S. D.
Nebraska,	Neb.
Kansas,	Kan.
Western	
Montana,	Mont.
Wyoming,	Wyo.
Colorado,	Col.
New Mexico,	N. M.
Arizona,	Ariz.
Utah,	Utah
Nevada,	Nev.
Idaho,	Idaho
Washington,	Wash.
Oregon,	Ore.
California,	Cal.
Alaska	
Hawaii	

EXERCISE 315

Atmosphere

air	el e ment	ni tro gen	dew-point
gas	mix ture	ba rom e ter	den si ty
wind	chem i cal	tem per a ture	pes ti lent
storm	car bon	ve lo ci ty	ven ti la tion
dense	ox y gen	hur ri cane	mois ture
weight	hy dro gen	sat u rate	cy clone

EXERCISE 316

From a Bulletin of the United States Weather Bureau

NOTE. — Hourly reports of wind and weather are had from a large number of stations. Forecasts of the weather to be expected in each region are sent out by telegraph and by bulletins. Farmers are guided in gathering their crops, ship-owners are enabled to avoid storms along the coast, and railroad companies carrying live stock and perishable fruits are forewarned against frosts, storms, and extreme heat.

fair	weath er	fore cast	bar o met ric
cloud y	pros pect	pre vail ing	pres sure
show ers	ex treme	me rid i an	a re a
rain y	pre cip i ta tion	ob ser va tion	vi cin i ty
drought	calm	prob a ble	prev a lent

EXERCISE 317

Climate

e qua ble	tor rid	va ri a ble	rain fall
se vere	frig id	sea breeze	av er age
ex treme	arc tic	e vap o rate	hu mid
mar i time	i so therm	in clem ent	ma la ri al
al ti tude	con ti nen tal	health ful	el e va tion

EXERCISE 318

Dictation

He clasps the crag with hooked hands;
Close to the sun in lonely lands,
Ring'd with the azure world, he stands.
The wrinkled sea beneath him crawls;
He watches from his mountain walls;
And like a thunderbolt he falls.

TENNYSON.

EXERCISE 319

Birds of Prey

owl	vul ture	kite	screech owl
ea gle	buz zard	gos hawk	barred owl
hawk	con dor	gyr fal con	saw-whet
fal con	os prey	per e grine	tal ons
noise less	clutch	ra pa cious	car ri on

EXERCISE 320

An Apiary

A land flowing with milk and honey.

EXODUS iii. 8.

Sweeter also than honey and the honeycomb.

PSALMS xix. 1.

bee	pol len	set tle	bee-line
bee hive	hon ey comb	I tal ian	flow ers
queen-bee	bee bread	en e mies	clo ver
drone	cell	mice	bass wood
work er	six-sid ed	king bird	buck wheat
bees wax	swarm	bus y	nec tar

EXERCISE 321

Christmas Eve—*Scott*

On Christmas Eve the bells were rung;
On Christmas Eve the Mass was sung.
The damsel donned her kirtle sheen;
The hall was dress'd with holly green;
Forth to the wood did merry-men go,
To gather in the mistletoe.
'T was Christmas broach'd the mightiest ale;
'T was Christmas told the merriest tale;
A Christmas gambol oft could cheer
The poor man's heart through half the year.

EXERCISE 322

Words from Scott's *Marmion*—Introduction to Canto VI

hol ly	mis tle toe	mas quer ade	gam bol
oak en	rose mar y	bois ter ous	ho ly tide
kir tle	cer e mo ny	hos pi ta ble	bar on
trowls	so bri e ty	plum por ridge	vas sal
car ols	re li gious	was sail	chal ice
goose	mys ter y	heath en	blithe ly
sa vour y	mask ers	rang er	mead

EXERCISE 323

Amusements

check ers	whist	bil liards	waltz
dom i noes	au thors	cro quet	chess
blind man's buff	cha rade	golf	rid dle
nine-men's mor ris	puz zle	e nig ma	ten nis
back gam mon	a cros tic	an a gram	ta bleau

EXERCISE 324

Geographical Terms

re gion	po si tion	re sour ces	fea tures
a re a	drain age	ag ri cul ture	pop u la tion
cli mate	prod ucts	min er al	in hab it ant
re lief	phys i cal	an i mal	gov ern ment

EXERCISE 325

Descriptive of a People

sav age	pas tor al	gen er ous	en light ened
peace ful	bar ba rous	hos pi ta ble	in dus tri al
no mad ic	mar i time	civ i lized	pro gress ive
war like	com mer cial	ag ri cul tur al	in do lent

EXERCISE 326

Transportation

traf fic	wharf	com mod i ties	barge
com merce	har bor	pack horse	car a van
ex change	ware house	ca nals	con vey ance
for eign	fa cil i ties	rail roads	coast wise
do mes tic	mer chan dise	steam boat	sub si dy

EXERCISE 327

Sea-going Terms

sea port	weigh	bal last	reg is ter
ves sel	ton nage	nav i gate	schoon er
car go	deep draught	in sure	man i fest
crew	coast trade	clear	bar na cle

EXERCISE 328

In a Printing Office

type	quoin	pa ging	com pos i tor
leads	dev il	job work	proof sheet
cop y	post er	cir cu lar	e lec tro type
font	mal let	lin o type	dis trib ute
sponge	print er	man u script	print er's pi
gal ley	fore man	shears	lith o graph

EXERCISE 329

Newspapers

dai ly	ed i tor	re port er	con trib u tor
week ly	for eign	ad ver tise	ed i to ri al
news	ca bled	sub scrib er	ad ver tise ment
is sue	re new al	pub lish er	an nounce ment
ri val	head-line	cir cu late	sub scrip tion
notes	men tion	del e ble	as so ci a ted
lo cal	pol i tics	in flu ence	in ser tion

EXERCISE 330

Popular Newspaper Names

Re port er	Clar i on	Bea con	Reg is ter	Ledg er
Dis patch	Trib une	Sig nal	Fo rum	Mes sen ger
Bul le tin	Out look	A lert	Lead er	Tran script
Sen ti nel	Ga zette	Times	Her ald	Guard i an
Stand ard	Re view	News	Rec ord	Chron i cle
Ad vance	Jour nal	Post	Un ion	De fend er
Pi o neer	Cit i zen	Globe	Guard	Free Press
Cou ri er	Vi dette	Ech o	World	In de pend ent

EXERCISE 331

Maine

ship-build ing	Moose head	Au gus ta	sar dines
sheep-rais ing	Pe nob scot	Port land	her ring
ice-cut ting	Ken ne bec	val u a ble	Ban gor
Bar Har bor	Ca na di ans	lum ber ing	in dus tries

EXERCISE 332

Vermont

Green Moun tains	dai ry	Cham plain	sur face
Ben ning ton	scales	ma ple sug ar	mar ble
Mont pe li er	rough	mu sic al	gran ite
Bur ling ton	slate	in stru ments	quar ries

EXERCISE 333

New Hampshire

White Moun tains	beau ti ful	Ports mouth	bug gies
Man chest er	scen er y	gov ern ment	Do ver
cot ton mills	fac to ries	dry docks	Nash u a
fire-en gines	Mer ri mac	ma rines	Con cord

EXERCISE 334

Found in Cold Bogs

pitch er plant	sun dew	buck bean	five-fin ger
la dy's slip per	or chis	beak rush	rho do ra
skunk cab bage	cal la	gold thread	a re thu sa
cot ton grass	cran ber ry	twin flow er	dew ber ry

EXERCISE 335

The Pied Piper of Hamelin — *Browning*

Ham e lin	sti ver	mag ic	lunch eon
fa mous	coun sel	a dept	coun cil
Han o ver	may or	wrin kled	gyp sy
spied	si lence	ut tered	thrift y
dit ty	aches	lean	bar gain
suf fer	queer	brawn y	fash ion

EXERCISE 336

ver min	swarth y	tum bling	threat en
pit y	trump	fam i lies	worst
ba bies	tomb stone	dan cing	bos oms
cra dles	coun cil ta ble	per ished	por tal
chees es	crea tures	con serve	de cree
la dles	Pied Pi per	cup boards	tav ern
rem e dy	guil ders	ves ture	cav ern

EXERCISE 337

Optics

To the Teacher. — Give needed explanations.

pu pil	spec ta cles	prism	mi cro scope
fo cus	cross-eyed	re frac tion	tel e scope
glass es	test ing	rain bow	mag ni fy
con vex	far sight	mi rage	in dis tinct
con cave	near-sight ed	vi sion	o paque
blind ness	op ti cian	vis i ble	trans par ent
col or	op ti cal	pris mat ic	trans lu cent

EXERCISE 338

Massachusetts

Hoo sac	Spring field	ed u ca tion	leath er
Cape Cod	dic tion a ries	Law rence	Low ell
Hol yoke	ar se nal	wool en	weav ing
sta tion er y	Worces ter	Fall Riv er	Sa lem
Berk shire	Nan tuck et	Lynn	com mon wealth

EXERCISE 339

Boston and Vicinity

Old South	State House	print ing	Bun ker Hill
Fan euil Hall	Com mon	ly ce um	Cam bridge
Mt. Au burn	Tre mont	lit er a ry	Har vard
Bea con	Con cord	li bra ry	Lex ing ton

EXERCISE 340

Connecticut

Hart ford	Wa ter bur y	bī′ cy̆ cle	wood en ware
in sur ance	brass work	car riag es	val u a ble
New Ha ven	plat ed ware	Bridge port	Yale
Mer i den	Bri tan ni a	dredg ing	Yan kee

EXERCISE 341

Rhode Island

small est	New port	Prov i dence	Nar ra gan sett
dense ly	fa mous	no tions	Rog er Will iams
wealth y	cap i tal	jew el ry	King Phil ip
lathes	pros per ous	im por tant	fash ion a ble

EXERCISE 342

The Sleepy Hollow Schoolhouse—*Irving*

The schoolhouse was a low building of one large room rudely constructed of logs; the windows partly glazed, and partly patched with leaves of old copy books. . . . The schoolhouse stood in a rather lonely but pleasant situation, just at the foot of a woody hill, with a brook running close by, and a formidable birch tree growing at one end of it. The low murmur of his pupils' voices, conning over their lessons, might be heard of a drowsy summer's day, like the hum of a beehive; interrupted now and then by the authoritative voice of the master in the tone of menace or command or, peradventure, by the appalling sound of the birch as he urged some tardy loiterer along the flowery path of knowledge.

EXERCISE 343

The School District

di rect or	teach er	non-res i dent	sup plies
trus tee	cer tif i cate	tu i tion	fu el
treas ur er	reg is ter	ed u ca tion	shade trees
clerk	en roll ment	in struc tion	ad journ
meet ing	ap por tion ment	li bra ry	vot er

EXERCISE 344

Educational Terms

dean	corps (kōr)	pro fess or	sem i na ry
col lege	jan i tor	in struct or	a cad e my
clin ic	tu tor	di plo ma	soph o more
de gree	clas sic al	fac ul ty	pre cept or
grad u ate	dis ci ple	dis ci pline	ped a gogue
pro mo tion	nor mal	prin ci pal	u ni ver si ty

EXERCISE 345

The Catskill Mountains—*Irving*

Whoever has made a voyage up the Hudson must remember the Catskill Mountains. They are seen away to the west of the river, swelling up to a noble height, and lording it over the surrounding country. Every change of season, every change of weather, indeed every hour of the day, produces some changes in the magical hues and shapes of these mountains; and they are regarded by all the good wives, far and near, as perfect barometers.

EXERCISE 346

New York

Al ba ny	Sing Sing	Os we go	Cats kill
Roch es ter	Ni ag a ra	Syr a cuse	Ad i ron dacks
Gen e see	gen e rate	Hud son	Sar a to ga
Buf fa lo	Mo hawk	Pal i sades	Pough keep sie
Ith a ca	gate way	West Point	E rie Ca nal

EXERCISE 347

New York City

har bor	Brook lyn	Broad way	Cen tral Park
ship ping	Man hat tan	Wall Street	ob e lisk
wharves	Stăt en Is land	Mad i son Square	zō ō log ic al
fer ry boats	Har lem	Bat ter y	ten e ment
el e vat ed	me trop o lis	Cas tle Gar den	pub lish ers
stone piers	cit ies	drive ways	sus pen sion
cais sons	foot way	sep a rate	mas ter piece
sol id	won der	op po site	en gi neer ing
bed rock	wire ca bles	di rec tions	ca ble cars

EXERCISE 348

Hell Gate — *Irving*

NOTE. — For those who do not live in the vicinity, it may be stated that Irving uses this remarkable group of words in describing a narrow tidal strait near New York City.

cur rent	per plexed	brawl ing	ter ma gant
vi o lent ly	shoals	break ers	hu mor
com pressed	im pet u ous	wrong-head ed	re laps es
shoul der ing	im ped i ments	par ox ysms	qui et
prom on to ries	dudg eon	clutch es	al der man
hor ri bly	whirl pools	per il ous	ed dies

EXERCISE 349

In Probate Court

will	break	in her it	de vise	ex ec u tor
heir	be quest	cod i cil	leg a tee	ex ec u trix
terms	be queath	es tate	tes ta tor	ad min is ter
clause	leg a cy	tes tate	be nev o lent	re sid u a ry

EXERCISE 350

Studies and Books — *Bacon*

de light	coun sels	ob ser va tion	dep u ty
or na ment	af fairs	con tra dict	ex tracts
a bil i ty	sloth	con fute	im por tant
dis course	whol ly	swal lowed	ar gu ments
judg ment	ex pe ri ence	di gest ed	dis tilled
dis po si tion	di rec tions	cu ri ous ly	con fer ence
bus i ness	craft y	dil i gence	mem o ry
ex e cute	con temn	at ten tion	sub tle

EXERCISE 351

When Coal was formed — *Greene*

The plants of the Carboniferous age were exceedingly abundant and luxuriant. They grew up richly from the clayey soil, and formed dense jungles in the vast marshes which covered so large an area of the earth's surface. Ferns, mosses, and tufts of surface vegetation, and the leaves, branches, and trunks of trees fell and decayed on the place where they grew, only to make the soil more fertile and the next growth richer and more luxuriant. Year after year, century after century, this process of growth and decay went on, until the beds of vegetable matter thus deposited had reached a great thickness.

EXERCISE 352

The Origin of Coal

marsh es	rap id	com pressed	stra tum
tor rid	growth	heat ed	car bon
e nor mous	grad u al	smoth ered	an thra cite
lux u ri ant	sub si dence	com bus tion	bi tu mi nous
veg e ta tion	cov ered	pre served	lig nite
hu mid i ty	de com posed	trans formed	can nel

EXERCISE 353

Coal Mining

out crop	vein	pinch	tamp	break er
slope	seam	meas ure	squid	shute
gang way	bench	flex ure	fire damp	screen
pas sage	strike	cleav age	safe ty lamp	waste
sheave	fault	pil lar	ex haust	tip ple
sump	fis sure	lag ging	hoist	ex plo sion

EXERCISE 354

Pennsylvania

Scran ton	Phil a del phi a	Wil liam Penn	con ven ient
Read ing	Har ris burg	Quak ers	re fin ing
der ricks	Sus que han na	Key stone	pe tro le um
tank cars	Al le gha ny	col lier y	ker o sene
car pets	Al le ghe ny	aq ue duct	plate glass
found ries	Pitts burg	Schuyl kill	steel rails

EXERCISE 355

New Jersey

Prince ton	New ark	pat terns	ter mi nus
Jer sey Cit y	Tren ton	oil cloth	fa cil i ties
Ho bo ken	Pat er son	thread	por ce lain
Long Branch	chem i cals	bar rens	crock er y

EXERCISE 356

Fresh-water, Salt-water, and Shell Fishes

trout	dace	eels	crap pie	salm on
pike	perch	chub	suck er	cat fish
bass	sun fish	stur geon	red horse	carp
shin er	shad	min now	pick er el	mus kal longe
cod	shrimp	lob ster	mus sel	tau tog
sole	her ring	craw fish	scal lop	per i win kle
hake	had dock	mack er el	coc kle	qua hog
clam	skate	smelt	tur bot	mol lusk
crab	oys ter	hal i but	flound er	blue fish

EXERCISE 357

Arithmetical Terms

no ta tion	Ro man	naught	count
nu mer a tion	dig its	sym bols	noth ing
Ar a bic	ze ro	num bers	sig níf i cant
sys tem	ci pher	fig ures	nu mer als

EXERCISE 358

Mathematical Geography

Cap ri corn	me rid i an	Can cer	cir cum fer ence
lon gi tude	ax is	lat i tude	rev o lu tion
par al lel	cir cle	e qua tor	ro ta tion
Green wich	trop ic	e qui nox	hem i sphere

EXERCISE 359

Cities with over Half a Million People

Lon don	Vi en na	Bang kok	Con stan ti no ple
Cal cut ta	Par is	To ky o	St. Pe ters burg
Can ton	Chi ca go	Bom bay	Phil a del phi a
Glas gow	Na ples	Ber lin	Liv er pool
New York	Pe kin	Mos cow	Brook lyn

EXERCISE 360

In Public

or a tor	ex hort	re hearse	de claim	el o quence
ad dress	stage	ros trum	dis course	cel e brate
the a tre	guest	hust ings	ap plause	lec tur er
ser mon	speech	ha rangue	o ra tion	eu lo gy

EXERCISE 361

The City of Washington

Cap i tol	ad vis ers	Smithsonian Institution
White House	ar se nal	Treasury Department
Ma rine Band	Pat ent Of fice	Bureau of Engraving
por ti co	Cor co ran	Library of Congress
Pres i dent	gal ler y	Pennsylvania Avenue
re cep tion	pen sion	Judiciary Square
cab i net	mu se um	Botanical Garden

EXERCISE 362

The Bivouac of the Dead — *O'Hara*

The muffled drum's sad roll has beat
  The soldier's last tattoo;
No more on Life's parade shall meet
  The brave and fallen few.

On Fame's eternal camping-ground
  Their silent tents are spread,
And Glory guards, with solemn round,
  The bivouac of the dead.

EXERCISE 363

Arlington National Cemetery

Crook	beau ti ful	head stones	Un known Dead
Meigs	green sward	u ni form	o ver arch ing
mon u ments	Por ter	dis tance	Dec o ra tion Day
Sher i dan	re view	me mo ri als	i den ti fied

EXERCISE 364

West Virginia

min er als	Charles ton	gas wells	Par kers burg
Hunt ing ton	tun nels	coke	blast fur na ces
scen er y	coal	fire clay	mines
Ka na wha	Wheel ing	kilns	moun tain ous

EXERCISE 365

Delaware and Maryland

Do ver	Bal ti more	Ches a peake	Harper's Ferry
gun pow der	wa ter gap	oys ter beds	Naval Academy
An nap o lis	pre serv ing	can vas backs	Wil ming ton
fruit crates	Hen lo pen	ter ra pin	Cum ber land

EXERCISE 366

Mount Vernon

Po to mac	es tate	rel ics	waist coat
vis it ors	pur chased	harp si chord	com pass
man sion	vol un ta ry	por traits	con tri bu tions
tomb	bed stead	col on nades	La fay ette

EXERCISE 367

Virginia

Rich mond	pea nuts	pres i dents	Dis mal Swamp
Ro a noke	red clay	to bac co	New port News
Nor folk	fox hunts	Shen an do ah	Nat u ral Bridge
Lynch burg	ex haust ed	plan ta tion	Rap pa han nock

EXERCISE 368

The Carolinas

Dur ham	fac to ries	tide wa ter	Wil ming ton
Ra leigh	sta ples	pied mont	Hat ter as
Charles ton	Co lum bi a	char coal	Cape Fear
coast al	sea is land	San tee	Al be marle
Win ston	Pam li co	Ca taw ba	phos phate

EXERCISE 369

Rice-growing

tid al	dropped	with drawn	cur ing	break age
del tas	trench es	hoe ing	joint ing	pad dy
sub ca nal	flood ed	drain age	thresh ing	gold seed
lev ees	ditch es	reap er	mill ing	wee vil

EXERCISE 370

Georgia

At lan ta	peach es	Blue Ridge	sweet po ta toes
Sa van nah	mar ble	tur pen tine	wa ter pow er
Au gus ta	ros in	dis till er y	es tab lished
Ma con	lum ber	na val stores	pro gress ive

EXERCISE 371

Florida

Tam pa	ev er glades	al li ga tors	Jack son ville
Key West	or an ger y	in va lids	St. Au gus tine
Sa ble	spon ges	pine ap ples	Pen sa co la
cor al reefs	Su wa nee	Sem i nole	Tal la has see

EXERCISE 372

A Street Scene in Ancient Rome—*Shakespeare*

Flavius. Speak, what trade art thou?

. . . . . .

Commoner. Truly, sir, all that I live by is with the awl: I meddle with no tradesman's matters, nor women's matters, but with awl. I am, indeed, a surgeon to old shoes; when they are in great danger, I recover them. As proper men as ever trod upon neat's-leather have gone upon my handiwork.

Flavius. But wherefore art not in thy shop to-day?
Why dost thou lead these men about the streets?

Commoner. Truly, sir, to wear out their shoes, to get myself into more work. But indeed, sir, we make holiday, to see Cæsar and to rejoice in his triumph.

EXERCISE 373

Boots and Shoes

cob bler	heel	hand-sewed	gai ter
leath er	coun ter	pegged	du ra ble
re pair	tongue	cor do van	box toe
shoe mak er	in sole	cow hide	la cing
foot wear	eye let	don go la	boot black
half sole	vamp	mo roc co	pol ish

EXERCISE 374

Lumbering

pin er y	cross cut	tow ing	snow shoes	scale
cruis ing	lengths	barge	ven i son	sawed
es ti mate	skid ding	shan ty	driv ing	saw mill
stump age	haul ing	fore man	boom	log ging

EXERCISE 375

From a Report of the Sault Ste. Marie Canal

cop per	coal	to tal
grain	salt	num ber
stone	i tems	draft
flour	bar rels	ton nage
lum ber	bush els	Can a di an
sil ver	net	pas sen gers
wheat	tons	man u fac tured
bound	i ron	reg is tered
ore	freight	des ig na tion
chan nel	a mount	un clas si fied

EXERCISE 376

Michigan

Lan sing	Grand Rap ids	St. Clair	pic tured rocks
De troit	fur ni ture	or chards	Hi a wa tha
flow er seeds	Sag i naw	e qua ble	Kal a ma zoo
Ann Ar bor	salt wells	cop per mines	cel e ry
Mack i naw	Mar quette	o pen ings	pen in su la

EXERCISE 377

Wisconsin

Mad i son	Su pe ri or	badg er	Mil wau kee
St. Croix	whale backs	ce ment	brew er ies
Dalles	coal docks	mo raines	tan ner ies
Green Bay	Osh kosh	burr oak	Chip pe wa
Ra cine	Win ne ba go	tim bered	La Crosse

EXERCISE 378

Ohio

Co lum bus	Day ton	earth en ware	Cin cin na ti
Cleve land	O ber lin	pipe lines	Mound Build ers
To le do	Sci o to	hogs heads	Ma ri et ta
San dus ky	buck eye	lime kilns	wool-grow ing

EXERCISE 379

Indiana

Ft. Wayne	ce re als	bluffs	In di an ap o lis
Mau mee	buck wheat	pa paw	Ev ans ville
Wa bash	bog i ron	hick o ry	coal meas ures
cen ter	can nel	Hoo sier	school sys tem

EXERCISE 380

Illinois

Spring field	lake port	Quin cy	pros per ous
Rock Is land	stock yards	Mo line	fer til i ty
gov ern ment	con verge	Pe o ri a	Ga le na
Chi ca go	rail ways	La Salle	sub soil

EXERCISE 381

Missouri

St. Lou is	steam boats	lead ore	lime stone
Kan sas Cit y	nav i ga ble	nick el	por phy ry
Jef fer son Cit y	bo tan i cal	sor ghum	gran ite
pop u lous	zinc	farm ing	cop per as

EXERCISE 382

The Dacotah Indians — *Parkman*, 1847

The buffalo supplies them with the necessaries of life, with habitations, food, clothing, beds and fuel; strings for their bows, glue, thread, cordage, trail-ropes for their horses, coverings for their saddles, vessels to hold water, boats to cross streams, and the means of purchasing all that they want from the traders. When the buffalo are extinct, they too must dwindle away.

EXERCISE 383

Minnesota

St. Paul	pipe stone	Hen ne pin	Min ne ap o lis
Du luth	ver mil ion	Nic ol let	flour ing mills
Wi no na	I tas ca	go phers	Min ne ha ha
Still wa ter	wa ter shed	Fort Snel ling	St. An tho ny

EXERCISE 384

North Dakota

Bis marck	Man dan	prai ries	bo nan za
Far go	lig nite	tree claims	Bad Lands
Grand Forks	Dev il's Lake	wheat farms	fan tas tic
Pem bi na	brack ish	thresh ing	col umns

EXERCISE 385

South Dakota

Pierre	Black Hills	mis sions	home stead
Yank ton	dead wood	res er va tion	jas per
Sioux Falls	tin plate	a gen cy	cot ton wood
quartz ite	rough	ar te sian	pro duc tive

EXERCISE 386

Iowa

Des Moines	sur face	flax seed	soil
Sioux Cit y	wave-like	oat meal	de pos it
Big Sioux	Du buque	sor ghum	rich est
Dav en port	Bur ling ton	pro duc tion	du ra ble

EXERCISE 387

Kansas — *Sumner*

Take down your map, sir, and you will find that the Territory of Kansas, more than any other region, occupies the middle spot of North America, . . . constituting the precise territorial center of the whole vast continent. To such advantages of situation, on the very highway between two oceans, are added a soil of unsurpassed richness and a fascinating, undulating beauty of surface, with a health-giving climate, calculated to nurture a powerful and generous people, worthy to be a central pivot of American institutions.

EXERCISE 388

Kansas and Nebraska

To pe ka	di lu vi al	Paw nee	po si tion
Kan sas Cit y	al lu vi al	buf fa loes	cen tral
Leav en worth	bluff soil	grease wood	o siers
Wich i ta	thick ness	prai rie wolf	hed ges
sug ar beet	graz ing	Platte	mold
grass hop per	grass es	wa tered	loam
O ma ha	lux u ri ant	por ous	mois ture
Linc oln	nu tri tious	grouse	drought

EXERCISE 389

Kentucky

Frank fort	blue grass	to bac co	Mam moth Cave
Lou is ville	pas tures	whis ky	sta lac′ tite
Lex ing ton	salt licks	raw silk	sta lag′ mite
Cov ing ton	skel e tons	cord age	lime stone

EXERCISE 390

Tennessee

pea nuts	Nash ville	hemp	Cum ber land
re gion	Mem phis	view	Chat ta noo ga
oil cake	Knox ville	spurs	Look out Moun tain
found ries	roof ing slate	knoll	sum mit

EXERCISE 391

Alabama

Mont gom e ry	coal fields	live oak	ar te sian
Bir ming ham	sur face	fes toons	o pos sum
Mo bile	bro ken	cy press	moc ca sin
pro duc tive	cane brakes	o chre	ven om ous

EXERCISE 392

Mississippi

Jack son	wa ter course	bolls	i so lat ed
Vicks burg	bot tom lands	hill ocks	cot ton gin
Ya zoo	o ver flow	fi ber	stone ware
Natch ez	de cid u ous	del ta	col ored

EXERCISE 393

Arkansas

Lit tle Rock	O zark	di ver si fied	hon ey
Hot Springs	rac coon	swamp y	grind stones
ther mal	bar rel staves	in un da tion	coal veins
car bon ic	chron ic	ma la ri al	ka o lin

EXERCISE 394

Louisiana

Bat on Rouge	ba gasse	pro ces sion	jet ties
New Or le ans	cre oles	lev ees	in un date
Shreve port	de scent	baȳ′ o̤us	mag no li as
sug ar cane	car ni val	cre vasse	jes sa mine

EXERCISE 395

Oklahoma and Indian Territory

Cher o kee	Sem i nole	re la tions	leas es
Chick a saw	Guth rie	frag ments	res er va tion
Choc taw	sep a rate	chiefs	an nu i ty
Creek	tri bal	coun cil	al pha bet

EXERCISE 396

Texas

Aus tin	north ers	yuc ca	staked plains
Gal′ ves ton	lar i at	cac tus	Ri o Gran de
Fort Worth	horse flies	pe can	cha par ral
Dal las	la goons	ce re us	prick ly pear

EXERCISE 397

The Coyote—*Mark Twain*

The coyote of the farther deserts is a long, slim, sick, and sorry-looking skeleton with a gray wolf skin stretched over it, a tolerably bushy tail that forever sags down with a despairing expression of forsakenness and misery, a furtive and evil eye, and a long, sharp face. He is always poor, out of luck, and friendless. He is so spiritless and cowardly that, even while his exposed teeth are pretending a threat, the rest of his face is apologizing for it. And he is so homely! so scrawny, and ribby, and coarse-haired, and pitiful! When he sees you he lifts his lip and lets a flash of his teeth out, and then he stops and takes a deliberate survey of you. He will trot fifty yards and stop again; another fifty, and stop again; and, finally, the gray of his gliding body blends with the gray of the sage-brush, and he disappears.

EXERCISE 398

Nevada

Car son Cit y	sage brush	gulch es	im mense
Si er ra	coȳ o te	flumes	min er al
a ban doned	jack rab bit	ore mills	wealth

EXERCISE 399

New Mexico and Arizona

San ta Fé	pueb los	sun dried	mes quite
Mex i co	lad ders	strong holds	cen ti pede
bur ro	a dō′ be	u ten sils	tree less
Pres cott	A pa che	al fal fa	ar id i ty
Tuç son′	me sas	al ka line	Grand Can yon
Phœ nix	ał oe	pet ri fied	cliff dwell ers
Gi la (hē′la)	o nyx	rar e fied	sem i-trop i cal

EXERCISE 400

Idaho

Boi′ se	vol ca noes	trails	pros per i ty
Lew is ton	sub ter ra ne an	claims	as say ing
Sho sho ne	res er va tion	deer	red ce dar
Bit ter Root	Koot e nai	fos sils	stu pen dous

EXERCISE 401

Wyoming

Chey enne (shī)	camp ing	bub bling	gey ser
Fre mont	ge ol o gists	boil ing	e rup tions
Lar a mie	Old Faith ful	ba sins	live stock
Na tion al	paint pots	mi ca	bi son

EXERCISE 402

Colorado

Den ver	at mos phere	gor ges	al ti tude
Pike's Peak	rar e fied	can yons	wa ter shed
as cent	cli mate	parks	e ro sion
boul der	health ful	streams	de tri tus

EXERCISE 403

Utah

Salt Lake Cit y	Og den	rock salt	res er voir
Great Salt Lake	Mor mon	bo rax	ir ri ga tion
buoy an cy	tem ple	an te lope	al ka line
pòme gran′ ate	Wah satch	por cu pine	re claim ing

EXERCISE 404

Of the Cattle Kind

deer	wap i ti	an te lope	buf fa lo
ant lers	moose	prong horn	ru mi nant
vel vet	elk	moun tain sheep	her biv o rous
shed	car i bou	big horn	clo ven
an nu al ly	rein deer	bi son	hoofed

EXERCISE 405

Reptiles

frog	ser pent	rat tle snake	al li ga tor
toad	tur tle	cha me le on	croc o dile
newt	tor toise	sal a man der	an a con da
snake	liz ard	bas i lisk	con strict or
ad der	vi per	moc ca sin	blue ra cer

EXERCISE 406

Sandalphon — *Longfellow*

To the Teacher. — Read the poem aloud.

Tal mud	won der	en treat	tra di tion
leg ends	a sun der	im plore	su per sti tion
lim it less	se rene	fer vor	haunts
mar vel ous	rap tur ous	pas sion	wel kin
ce les tial	death less	prayer	throb bing
un num bered	breath less	wea ry	ma jes tic
chant	as cend	heav y	neb u lous
hymn	be low	por tal	fren zy
ex pire	a dore	phan tom	fruit age
rap ture	spir it	me di e val	for bid den

EXERCISE 407

Montana

Hel e na	bul lion	Flat head	brand ing
Butte Cit y	in gots	Chi nooks	round-up
Great Falls	a mal gam	plăc er	bunch grass
An a con da	hy draul ic	slui ces	mav er ick

EXERCISE 408

Washington

O lym pi a	Co lum bi a	Flat ter y	west ern
Se at tle	Pu get Sound	coast line	cen tral
Ta co ma	road steads	fish er ies	east ern
Spo kane	Che lan	red wood	di vi sions

EXERCISE 409

Oregon

Sa lem	cra ter	Pa cif ic	cam ass
Port land	ex tinct	salm on	lau rel
ter mi nal	ba salt	can ning	lu pine
Wil lam ette	ag ates	As to ri a	te re do

EXERCISE 410

California

Sac ra men to	Death Val ley	griz zly bear	Shas ta
San Fran cis co	bo rax	sea ot ter	bi tu men
Los An gel es	hot test	mul ber ry	plum ba go
Gold en Gate	Yo sem i te	silk worm	rai sins
Chi nese	se quoi a	co coon	nec tar ines

EXERCISE 411

Made from Greek Words

graph, *to write.*	scope, *to see.*	meter, *measure.*
bio, *life.*	micro, *small.*	thermo, *heat.*
tele, *far.*	baro, *weight.*	dia, *through.*

pho to graph, *to write or make pictures with light.*
bi og ra phy, *a writing or description of a life.*
tel e graph, *to write afar; to send a message.*
tel e scope, *an instrument with which to see afar.*
mi cro scope, *an instrument with which to see a small object.*
ba rom e ter, *an instrument with which to measure the weight of air.*
ther mom e ter, *an instrument with which to measure temperature.*
di am e ter, *the measure or distance through or across.*

EXERCISE 412

Greek Derivations

With the aid of your dictionary make a list of words formed from the following Greek stems:

mytho, *myth.*	auto, *self.*	typo, *type.*	geo, *earth.*
photo, *light.*	techno, *art.*	topo, *place.*	entomo, *insect.*
phono, *sound.*	steno, *short.*	zoo, *animal.*	litho, *stone.*

EXERCISE 413

Evangeline

pri me val	bos oms	o cean	naught	be lieve
mur mur ing	wail	dis con so late	tra di tion	beau ty
gar ments	hoar	thatch	af fec tion	strength
dru ids	rock y	waste	en dures	wom an's
pro phet ic	neigh bor ing	seize	pa tient	de vo tion

EXERCISE 414

Dictation

THE SCULPTOR — *Doane*

Chisel in hand stood the sculptor boy,
  With his marble block before him;
And his face lit up with a smile of joy
  As an angel dream passed o'er him:
He carved the dream on that shapeless stone
  With many a sharp incision;
With heaven's own light the sculptor shone:
  He had caught that angel vision.

EXERCISE 415

The Art Dealer

art ist	paint ings	oil	en grav ing
ea sel	pic ture	pas tel	o rig i nal
cray on	cop ies	can vas	wa ter col or
gild ed	stat ue	tor so	stat u a ry
frame	sculp ture	bust	re pro duc tion
re lief	sculp tor	etch ing	stu di o

EXERCISE 416

Photographic Terms

cam e ra	tri pod	lens	pho tog ra pher
am a teur	out fit	plate	in stan ta ne ous
ex po sure	fo cus	rack	min i a ture
ap er ture	un load	range	ma nip u late
neg a tive	sec tion	film	de vel op ing
op ti cal	im age	paste	pro fes sion al

PART V

SEVENTH GRADE

EXERCISE 417

Dictation — *Shakespeare*

Neither a borrower nor a lender be;
For loan oft loses both itself and friend,
And borrowing dulls the edge of husbandry.
This above all — to thine own self be true;
And it must follow, as the night the day,
Thou canst not then be false to any man.

EXERCISE 418

Banking

cash	di rect or	cash ier	col lec tion
funds	cur ren cy	cred it	with draw al
coin	de pos it	cou pon	re mit tance
mon ey	pre mi um	sur plus	fi nan cial
spe cie	cap i tal	fi nance′	re demp tion
draft	clear ings	bal ance	prom is so ry
check	state ment	pri vate	col lat er al
loan	pay a ble	bor row	ne go ti a ble
prompt	re source	def′ i cit	stock hold er
in ter est	tell er	en dorse	sure ty

Look through your local paper for what is known as a financial statement, showing the condition of some bank.

EXERCISE 419

Percentage

per cent age	base	prin ci pal	com mis sion
dis count	rate	par tial	brok er age
pro ceeds	meth od	pay ment	prom is so ry
per cent	ta bles	prof it	net price
ma tu ri ty	le gal	com pute	pres ent worth

EXERCISE 420

Taxation

tax es	as sessed	sched ule	real es tate
lev y	ex emp tion	tax a ble	per son al
poll tax	val u a tion	treas ur er	prop er ty
re bate	for feit ure	no tice	a bate ment

EXERCISE 421

Wholesale Trade

a gent	sea son	pri ces	as sort ment
im port er	styles	do mes tic	quo ta tions
sales room	sam ples	buy ing	for eign
nov el ties	dis trib ute	in te ri or	mer can tile

EXERCISE 422

Retail Trade

coun ter	bus y	lead er	debt or
sales	bus i ness	ad ver tise	cred it or
con sum er	prof it a ble	ac count	com pe ti tion
clerk	deal er	de liv er	cus tom er

EXERCISE 423

An Attack on a Castle—*Scott's Ivanhoe*

He leads a body of men close under the outer barrier of the barbican. . His high black plume floats abroad over the throng like a raven over the field of the slain. They have made a breach in the barriers — they rush in — they are thrust back! . . . They throng again to the breach, and the pass is disputed hand to hand and man to man. . . . The assailants have won the barriers. . . . They press the besieged hard upon the outer wall. . . . Down go stones, beams and trunks of trees upon their heads; and as fast as they bear the wounded to the rear, fresh men supply their places in the assault. . . . The Black Knight approaches the postern with his huge ax. The thundering blows which he deals, you may hear them above all the din and shouts of the battle. Stones and beams are hailed down on the bold champion. He regards them no more than if they were thistle-down or feathers. . . . The postern gate shakes! . . . It crashes! It is splintered by his blows! They rush in! The outwork is won!

EXERCISE 424

The Middle Ages

knight	min strel	bar bi can	tour na ment	mail
ar mor	hel met	port cul lis	jest er	trap pings
shield	breast plate	joŭst	bar on	cru sade
casque	hau berk	em bra sure	vas sal	chiv al ry
cui rass	hal berd	squire	yeo man	tur ret
gaunt let	tab ard	arch ers	pos tern	her ald
corse let	bal dric	sword	stew ard	ran som
keep	cham pi on	mo ri on	par a pet	or de al
don jon	chal lenge	pen non	lance	scutch eon
moat	ward er	cross bow	mace	gage

EXERCISE 425

Rule. — Final *y* after a consonant is generally changed to *i* before an affix, but final *y* after a vowel or before *ing* remains unchanged.

hap pi ly	fan ci ful	pret ti ly	naugh ti ness
pit i ful	mer ri ment	air i ly	car ry ing
sau ci ly	gay e ty	o bey ing	gawk i ness

Exceptions

beau te ous	said	dai ly	ba by hood
pit e ous	paid	gai ly	la dy ship

EXERCISE 426

Rule. — Silent *e* at the end of a word is dropped before an affix beginning with a vowel, but is retained before a consonant.

for ci ble	half sol ing	forc ing	nois y
sal a ble	po lite ly	mov a ble	gla zier
ripe ness	sin cere ly	home less	shame ful

Exceptions

hoe ing	shoe ing	out ra geous	a bridg ment
dye ing	singe ing	peace a ble	ar gu ment

EXERCISE 427

Rule. — Words of one syllable, and words accented on the last syllable, ending in a single consonant preceded by a single vowel, double that consonant before an affix beginning with a vowel — otherwise the consonant is not doubled. In the last word of each column the second *l* is part of the affix.

sun ny	re al ize	for bid den	trav el er
war like	grav eled	se lect ed	pre ferred
fool ish	shov el er	oc curred	re sult ing
beg gar	shov el ing	sin ner	rob ber y
grav el ly	re al ly	par tial ly	scoun drel ly

EXERCISE 428

Dr. Brewer's Rule for *ie* and *ei*

Rule. — *i* before *e*
Except after *c*
Or when sounded as *a*
As in *neighbor* and *weigh*.

piece	siege	con ceit	neigh bor	niece
reign	thief	re ceipt	de ceive	out weigh
friend	mis chief	in veigh	hei nous	prai rie
brief	fron tier	re ceive	re prieve	pier cing
pier	be lieve	ceil ing	per ceive	pa tient
grieve	re lieve	ker chief	lil ies	al lied

EXERCISE 429

Exceptions to Dr. Brewer's Rule

Note. — There are a few exceptions to this rule, but on the whole it is one of the few rules for spelling worth the while.

for eign	height	seize	sov er eign
mul lein	heif er	for feit	fi nan cier
lei sure	ei ther	sur feit	coun ter feit
spe cies	nei ther	in veigh	ka lei do scope

EXERCISE 430

Rule. — *q* is always followed by *u*.

quit	in quest	aq ue duct	quan da ry	quo tient
que ry	quad ru ped	co quette	squan der	brusque
ac quire	quan ti ty	ques tion	in iq ui ty	mosque
quench	ac quaint	squeeze	quo rum	in quire
sacque	quar rel	squeam ish	qui nine	qui et

EXERCISE 431

Dictation — *Robert Emmet*

I have but one request to ask at my departure from this world — it is the charity of silence. Let no man write my epitaph ; for, as no one who knows my motives dare now vindicate them, let no prejudice or ignorance asperse them. Let them and me repose in obscurity and peace, and my tomb remain uninscribed, until other times and other men can do justice to my character. When my country shall take her place among the nations of the earth, then — and not till then — let my epitaph be written.

EXERCISE 432

Thanatopsis

vis i ble	mould	un fal ter ing	mag nif i cent
gay er	couch	quar ry slave	in di vid u al
mus ings	hoar y	in nu mer a ble	el e ments
heal ing	seers	phan tom	in sen si ble
blight	in fi nite	de par ture	re solved
im a ges	des ti ny	sol i tudes	breath less
a go ny	brood	con tin u ous	sharp ness

EXERCISE 433

shroud	mirth	dec o ra tion	el o quence
shud der	ma tron	mel an chol y	com mun ion
teach ings	realms	maj es ty	mil lions
depths	dra per y	ven er a ble	em ploy ments
em brace	ap proach	qui et ness	nour ished
pen sive	dun geon	rock-ribbed	com plain ing
pierce	scourged	pa tri archs	sus tained

EXERCISE 434

Celtic Words — Irish, Scotch, Gaelic, or Welsh

Note. — When the Angles overran Great Britain they, no doubt, allowed many Celts to remain. Others were driven towards the north and west, where they lived unmixed with the Angles and became the Scotch Highlanders, the Irish, the Manx, and the Cornishmen. Very naturally some Celtic words were taken into the English language.

bard	rib bon	glen	pi broch	shan ty
brogue	dirk	hawk	plaid	quaff
clan	fun	shil le lah	flan nel	reel
clay more	dru id	sham rock	flim sy	whis ky
cor o nach	co zy	spal peen	To ry	crom lech
cra dle	crag	mack in tosh	us que baugh	mag got

EXERCISE 435

Ireland

Dub lin	ab sen tee	clay ey	lin en	beau ti ful
Shan non	peat	boy cott	bog gy	pov er ty
Bel fast	sub stance	wit ty	blar ney	hos pi tal i ty
Lim er ick	de cayed	cause way	Kil lar ney	gen er ous

EXERCISE 436

Scotland

po nies	Clyde	Dum bar ton	Tweed
fish er ies	Glas gow	Ster ling	i ron ore
loch	ship yards	Ed in burgh	smelt ers
firths	Ka trine	quar ries	Perth shire
fru gal	Lo mond	Ab er deen	Leith
this tle	Sol way	in dus try	Scot tish

EXERCISE 437

The Extent of British Possessions — *Webster*

Our fathers raised their flag against a power to which, for purposes of foreign conquest and subjugation, Rome, in the height of her glory, is not to be compared, — a power which has dotted the surface of the whole globe with her possessions and military posts, whose morning drum-beat, following the sun in its course, circles the earth with one continuous and unbroken strain of the martial airs of England.

EXERCISE 438

The British Isles

Brit ain	Jer sey	Skye	Al der ney	Bute
Ire land	Wight	Ork ney	An gle sea	Lew is
Shet land	Man	Heb ri des	Staf fa	Ar ran

EXERCISE 439

England

Thames	land lords	coal meas ures	Ports mouth
Mer sey	cut ler y	chalk cliffs	u ni ver si ties
Ox ford	chi na ware	Man ches ter	Shef field
Cam bridge	pos ses sions	Bir ming ham	Liv er pool

EXERCISE 440

com mons	night in gale	col o nize	cock ney
crown	shire	bor ough	Brit on
no bil i ty	Can ter bur y	haw thorn	min is try
sov er eign	Stone henge	prim rose	peer
sky lark	gen try	lib er al	hedge row

EXERCISE 441

Walks in London

Pic ca dil ly	Fleet	Hol born	Thread nee dle
Hyde Park	cir cus	vi a duct	Black fri ars
Tem ple Bar	Cov ent	New gate	Lead en hall
Wa ter loo	Cheap side	Guild hall	Bil lings gate
Tra fal gar	Lud gate	Pa ter nos ter	Chan cer y Lane

EXERCISE 442

St. Paul's Cathedral

Wren	fa çade	carv ing	Howe	Rey nold
ar chi tect	re lief	ech o	Tur ner	Land seer
dome	crypt	Hal lam	Nel son	Wel ling ton
co los sal	or gan	Heb er	Corn wal lis	cof fee house

EXERCISE 443

Of Interest to Tourists and Readers

Kew	Bat ter sea	South wark	Sur rey
E ton	Twick en ham	Green wich	Ty burn
Der by	Stoke Po gis	Wool wich	Wal tham
Ox ford	Salis bur y	Wind sor	Chat ham
Ken sing ton	Chel sea	Win ches ter	Strat ford

EXERCISE 444

Ye Mariners of England — *Campbell*

mar i ners	stand ard	tem pest	quells	feast
guard	launch	bul wark	me te or	ceased
na tive	storm y	thun der	ter rif ic	fi er y

EXERCISE 445

Westminster Abbey—*Irving*

The spaciousness and gloom of this vast edifice produce a profound and mysterious awe. We step cautiously and softly about, as if fearful of disturbing the hallowed silence of the tomb; while every footfall whispers along the walls, and chatters among the sepulchres, making us more sensible of the quiet we have interrupted. We feel that we are surrounded by the congregated bones of the great men of past times who have filled history with their deeds and the earth with their renown.

EXERCISE 446

The Burial—*Mrs. Alexander*

Amid the noblest of the land
  Men lay the sage to rest,
And give the bard an honored place,
  With costly marble drest,
In the great minster transept,
  Where lights like glories fall,
And the sweet choir sings, and the organ rings
  Along the emblazoned wall.

EXERCISE 447

Westminster Memorials

New ton	An dré	Gold smith	Chau cer
Dar win	Watts	Shakes peare	But ler
Her schel	Wes ley	Camp bell	Dry den
Pitt	Liv ing stone	Dick ens	Lyt ton
Fox	Grote	Gray	Ma ry
Words worth	Ma cau lay	Mil ton	E liz a beth

EXERCISE 448

Dictation

Note. — The following tribute from Emerson has place on a tablet in Westminster:

O'er England's abbeys bends the sky,
As on its friends with kindred eye;
For out of thought's interior sphere
These wonders rose to upper air,
And nature gladly gave them place
Amongst the glories of her race,
And granted them an equal date
With Andes and with Ararat.

EXERCISE 449

Westminster Abbey

chap el	clois ter	tap es try	dean	stained
ab bey	por tal	tra cing	can ons	aisles
ca the dral	tran sept	ceil ing	choir	ver ger
stat ues	col umns	groined	nave	Tu dor
mon u ments	pave ment	vaults	nich es	Poets' Cor ner
vo tive	mo sa ic	cross	re built	crypt

EXERCISE 450

Words heard in London

clev er	dra per	post cards	lord may or
lug gage	glov er	high ness	par cels post
han som	grill	lord ship	pro mot er
tram car	guild	fish mon ger	maj es ty
ga losh es	chap man	hab er dash er	rate-pay ers

EXERCISE 451

Dictation — *Byron*

Mount Blanc is the monarch of the mountains;
They crowned him long ago
On a throne of rocks, in a robe of clouds,
With a diadem of snow.

EXERCISE 452

Switzerland

Berne	gla ciers	Zu rich	carved	av a lanche
Rhone	cham ois[1]	can tons	watch es	scen er y
Rhine	Ge ne va	tour ists	tun nels	châ let[2]
guides	Con stance	pas tures	Swiss	Wil liam Tell
Al pine	Lu cerne	herds men	moun tain ous	Ty rol

[1] shăm my. [2] shà lā.

EXERCISE 453

Rome

an cient	Ti ber	tombs	Pan the on	glad i a tor
cap i tal	Fo rum	Ro mans	a re na	aq ue duct
ru ins	arch es	St. Pe ter's	Car di nal	cat a combs
rel ics	tri umph	Vat i can	Col i se um	lab y rinth

EXERCISE 454

Words from the Italian Language

al to	fres co	mon key	vol ca no
ban dit	gon do la	vi o lin	ter ra cot ta
du el	Ri al to	pi a no	mil li ner
um brel la	ma la ri a	so da	gran ite

EXERCISE 455

Venice—*Byron*

I stood in Venice on the Bridge of Sighs,
A palace and a prison on each hand:
I saw from out the wave her structures rise
As from the stroke of the enchanter's wand;
A thousand years their cloudy wings expand
Around me, and a dying glory smiles
O'er the far times when many a subject land
Looked to the winged Lion's marble piles,
Where Venice sat in state, throned on her hundred isles!

EXERCISE 456

Vesuvius

con i cal	e rup tion	mol ten	vol ca no
si lent	show er	ac tion	in ter val
peace ful	la va	bur ied	in ter nal
slum ber ing	sum mit	an cient	cone-shaped
rum bling	cra ter	cit ies	earth quake

EXERCISE 457

Italy

dis tinct	Sic i ly	prev a lent	am phi the a tre
Æt na	clear ness	at mos phere	ol ives
Ven ice	Lom bard y	land scape	in hab i tants
Na ples	gon do la	ce re al	Sar din i a
Flor ence	light house	Ap en nines	A dri at ic
chest nuts	em i grate	pen in su la	Ve su vi us
ap pears	in suf fi cient	sur round ed	San Ma ri no
Ge no a	pa pa cy	mac a ro ni	I tal ian

EXERCISE 458

The Rhine (*Childe Harold*) — *Byron*

The castled crag of Drachenfels
Frowns o'er the wide and winding Rhine,
Whose breast of waters broadly swells
Between the banks which bear the vine,
And hills all rich with blossom'd trees,
And fields which promise corn and wine,
And scatter'd cities crowning these,
Whose far white walls along them shine,
Have strew'd a scene which I should see
With double joy wert thou with me.

EXERCISE 459

The German Empire

Prus sia	Ber lin	Elbe	in stru ment
Sax o ny	Leip zig	O der	sci en tif ic
Ba va ri a	Ham burg	vint age	wood-carv ing
Würt em berg	Frank fort	zinc	ed u ca tion
mil i ta ry	Mu nich	steel	beet sug ar
main tain	Brem en	coal	ship can al

EXERCISE 460

Berlin

pal a ces	u ni ver si ty	Un ter den Lin den
stat ues	ar se nal	Bran den burg Gate
sculp tor	an tiq ui ties	Fred er ick the Great
or ches tra	gal ler y	zo ö log ic al
beer gar den	ro tun da	mau so le um

EXERCISE 461

Dictation

A Dutch Canal—*Stevenson*

Of all the creatures of commercial enterprise, a Dutch canal barge is by far the most delightful to consider. It may spread its sails, and then you see it sailing high above the tree-tops and the wind-mills, sailing on the aqueduct, sailing through the green corn-lands: the most picturesque of things amphibious. Or the horse plods along at a foot-pace as if there were no such thing as business in the world; and the man dreaming at the tiller sees the same spire on the horizon all day long.

EXERCISE 462

Dutch Words

boor	reef	sloop	loi ter	switch
deck	minx	skip per	yacht (yot)	wain scot
fop	rov er	sut ler	splice	ca boose
hoist	toy	frol ic	bur go mas ter	pi lot
cruise	up roar	trick	hogs head	bru in

EXERCISE 463

Netherlands and Belgium

Hol land	plain	den si ty	Hague	per se ver ing
trans formed	i ron	Brus sels	Ghent	in ter sect
re claimed	tow er	lace	Cax ton	col o nize
Haar lem	lev el	dikes	wool en	Ant werp
is lands	strug gle	drained	ex celled	fire arms
coal	wind mills	Dutch	Am ster dam	ma chin er y
fer tile	va ri e ty	streets	sub merged	min er al

EXERCISE 464

Norway

coast	oc cu py	fish er ies	sep a rat ed
fiords	Ber gen	o cean trade	ab rupt ly
drowned	king dom	sim i lar	wa ter falls
length	de scend	Arc tic	Nor we gi an
depth	mid night	Gulf Stream	in tel li gence
caught	rais ing	Mael strom	Chris tĭ ä ni ä

EXERCISE 465

Sweden

Bal tic	lev el	Stock holm	com pul so ry
Lap land	fer tile	flat topped	Scan di na vi an
sea son	thrift y	u ni ted	Up sa la
Gus ta vus	hard y	Swedes	ed u ca tion

EXERCISE 466

Iceland

seal	shrubs	cod fish	bar ley	re mark a ble
whale	Hec la	stunt ed	hor i zon	ei der down
herd	geȳ ser	ice sheet	wil lows	po ta toes
moss	tun dras	rein deer	e rup tion	veg e ta tion

EXERCISE 467

Denmark

dunes	herds	ap proach	im por tant	Thor vald sen
marsh	in cludes	Ham let	fish er men	dai ry ing
heath	Jut land	dan ger ous	Co pen hā gen	pos ses sions

EXERCISE 468

Borrowed from the French

ba boon	cham pagne	loz enge	guil lo tine
bar ter	dis ease	ġĭb lets	ar te sian
blond	em broid er	cur few	bay o net
blouse	fur be low	pit tance	frip per y
buf foon	ging ham	pinch beck	em bla zon
bau ble	buf fe̱t′	cab bage	cur lew

EXERCISE 469

France

cha teau	in vent ive	por ce lain	Rou en
Mar se̱illes	po lite	tex tile	Ly on
Bor deaux (dō)	con script	fab rics	Loire
Cor si ca	frŏn tier	silk en	Havre
Or′ le ans	for tress	wine trade	Rheims
Bis cay	Cal ăis	Sevres	franc

EXERCISE 470

Paris

To the Teacher. — Omit unfamiliar words.

Seine	Ven dome	No tre-Dame	Tuïl′ er iēs
sew er	op e ra	boul e vard	res tau rant
morgue	fash ion	Ver sāilles	mil li ner y
quays (kāz)	Bas tille	Pa ri sian	Lat ĭn Quar ter
Bourse	ob e lisk	clean li ness	bu reau
ca fe̱′	the a ter	bar ri cade	sou ve nir
tri um phal	tap es try	prom e nade	guil lo tine

EXERCISE 471

Portugal

site	Lis bon	per ished	Por tu guese
na vies	ob scure	earth quake	Ma dēi ra
e nough	A zores	de stroyed	jeal ous y
pow ers	O por to	round ed	Cape Verde

EXERCISE 472

Words from the Spaniards

NOTE. — Some of these words were picked up by the Spaniards from the South American Indians.

boo by	con dor	ci gar′	Ar ma da
ca noe	guä no	choc o late	guer il la
car go	mer i no	dom i no	hur ri cane
las so	mus tang	chin chil la	mos qui to
llä no	quad roon	com răde	to bac co

EXERCISE 473

Spain

lof ty	sev er al	in do lent	Pŷr e nees
Ta gus	beg gars	cen tu ries	con trib ute
Ma drid	gran dee	dis cov er	im prove ments
change	proud	col o nies	ex ceed ing ly
Ca diz	re al ize	ex qui site	quan ti ties
re sort	in va lids	no bil i ty	Gĭ bral tar
cen ter	si es ta	for ti fied	Med i ter ra ne an
rai sins	Me rï′ no	Al ham bra	de ca dence
Moor	Gra na da	Span ish	in tol e rant
ar id	Ma la ga	Cas tile	ex trav a gant

EXERCISE 474

Greek Words

an tip a thy	ca tarrh	ep i sode	strych nine
ap·a thy	cha os	lex i con	tac tics
a pol o gy	chem ist	oc ta gon	ton ic
ath lete	crit ic	phlox	pa thos
at las	dy nas ty	pho net ic	cos met ic
bron chi al	e las tic	skel e ton	cath o lic
but ter	ech o	cra ni um	di plo ma
ce dar	em pha sis	me an der	char ac ter

EXERCISE 475

Greece

main land	cur rants	in creas ing	Par the non
Ae ge an	prim i tive	nat u ral	ar chi tec ture
O lym pus	hon ey	cor al	con nect ed
free dom	mar ble	Ath ens	suc ceed ed
Cor inth	drach ma	cit a del	a vail a ble
Crete	Greek	Gre cian	sea-far ing

EXERCISE 476

Turkey

Ot to man	ig no rant	al tar	straight
com pris es	mis er a ble	pro fane	saf est
trib u ta ry	corn fields	spa cious	Sul tan
re sour ces	vine yards	Bos′ po rus	goats
neg lect ed	car pets	cor rupt	Turks
cres cent	hand-made	ha rem	Con stan ti no ple
squal id	des pot ic	mis rule	Mar mo ra

EXERCISE 477

Austria-Hungary

Dan ube	Vi en na	dom i nant	race war
Bo he mi a	cul ture	dis sen sion	pow er
Prague	Bu̇′ da pest	lan gua ges	mu si cal
Ty rōl′	ar ti sans	po lit i cal	glass ware
leath er	Aus tri ans	Hun ga ri ans	hop fields

EXERCISE 478

Russia

Czar	Fin land	Lad o ga	As tra chan
Vol ga	Mos cow	Cri me a	pe tro le um
mer ges	Krem lin	O des sa	Pet ers burg
dri er	War saw	Cas pi an	o rig i nal
rye bread	oil fields	a bol ished	U ral
cen sor	im mense	serf dom	A zof
verst	co peck	dros ky	vam pire
rou ble	u kase	pol ka	steppe

EXERCISE 479

Siberia

Al tai	Rus sian	Ya kutsk	graph ite
O bi	Yĕn ï se′ ï	Kam chat ka	val u a ble
Le na	Ir kutsk	fruit trees	wolves
fer tile	Bai kal	fur bear ing	des o late
fro zen	for ests	rig or ous	hab it a ble
Arc tic	im mense	ex iles	Vla di vos tōk′
furs	trapped	mam moth	tun dra

EXERCISE 480

The Middle Nile — *Conan Doyle*

It is a singular country, this Nubia. Varying in breadth from a few miles to as many yards, it extends in a thin, green, palm-fringed strip upon either side of the broad coffee-colored river. Beyond it there stretches on the Libyan bank a savage and illimitable desert, extending to the whole breadth of Africa. On the other side an equally desolate wilderness is bounded only by the distant Red Sea. Between these two huge and barren expanses Nubia writhes like a green sand-worm along the course of the river. Here and there it disappears altogether, and the Nile runs between black and sun-cracked hills, with the orange drift-sand lying like glaciers in their valleys. Everywhere one sees traces of vanished races and submerged civilizations. Grotesque graves dot the hills or stand up against the sky-line: pyramidal graves, tumulus graves, rock graves, — everywhere, graves. And, occasionally, as the boat rounds a rocky point, one sees a deserted city up above, — houses, walls, battlements, with the sun shining through the empty window squares.

EXERCISE 481

Northern and Equatorial Africa

Mo roc co	ne groes	Ġuĭn ea	Ny an za	in flu en ces
Al ge ri a	dwarf	Kon̲ go	Li be ri a	de pend en cy
Trip o li	o′ a sis	Sṳ dän	palm oil	Mo ham med an
Sa hä′ ra	date palm	pa gans	mi mo sa	pyg mies
Car thage	Al giers′	Fez	in te ri or	man̲ grove
Nī ġer	Tu nis	Be̲y	Bar ba ry	ba o bab
tusks	At las	French	pro tect or ate	E thi o pi an
*T*chad	i vo ry	plumes	fa nat ic al	can ni bals

EXERCISE 482

Egypt

Nile	Caï ro	o ver flow	pyr a mid
lo tus	streets	Port Sä ïd′	ar ti fi cial
source	nar row	con nect ed	fer til i ty
Su ez	crook ed	prov ince	suf fi cient
Turks	through	Khe dïve′	fī nan ces
Ar abs	don keys	Kar nak	Pha raōh
sphinx	i bis	Mem phis	ge om e try
Thebes	mum my	grăn a ry	Al ex an dri a

EXERCISE 483

Animals of Africa

li on	hy e na	lĕop ard	chim pan zee
ze bra	jack äl	ġī raffe′	croc o dile
cam el	os trich	e land	rhi noç′ e ros
gnu	quag ga	le mur	an te lope
boar	hoo doo	go ril la	hip po pot a mus
ba boon	tsĕt sĕ	buf fa lo	horned vi per

EXERCISE 484

Southern Africa

Bö er	Kaf fir	Kim ber ley	Mad a gas car
Dutch	Trans vaal	di a monds	Cape Col o ny
veldt	Na täl′	Zam be zi	Mo zam bïque′
tusks	eb o ny	Stan ley	pas tur age
mines	goat's hair	feath ers	Liv ing stone
sug ar	lo cust	Good Hope	Bush men

EXERCISE 485

Arabian Nights

A lad din	treȧs ure	ob sti nate	dam sel
won der ful	trans par ent	gē nĭe	mar riage
foun tain	crys tal	pawn brok er	at tract ive
de li cious	tur quoise	prin ces	rai ment
ma gi cian	em e ralds	jew el er	un veiled
bra zen	am e thysts	Grand Vĭz ier	coun sel or
mag i cal	sap phires (săf ĭrz)	ad vis er	sor cer er

EXERCISE 486

Sennacherib — *Byron*

The Assyrian came down like the wolf on the fold,
And his cohorts were gleaming in purple and gold;
And the sheen of their spears was like stars on the sea,
When the wave rolls nightly on deep Galilee.

Like the leaves of the forest when summer is green,
That host, with their banners, at sunset were seen;
Like the leaves of the forest when autumn hath blown,
That host, on the morrow, lay withered and strewn.

EXERCISE 487

Turkey in Asia

Sy ri a	*Pal es tīne*	*A si a Mi nor*	*Mes o po ta mi a*
Da mas cus	Jor dan	Smyr na	Eu phra tes
Dam ask	Dead Sea	Treb i zond	Ti gris
Cy press	buoy ant	Cy prus	Bag dad
Bei′ rut	Je ru sa lem	An go ra	Bab y lon
Ar me ni a	*Kur dis tan*	A si at ic	Nin e veh
A ra rat	Kurds	peo ples	Par a dise

EXERCISE 488

The Ship of the Desert

This homely old fellow, with broad, thick soles to his feet, to protect him in the hot sand; with leathery pads on his thighs, on which he rests when he lies down; with great cells or cups in his stomach, to store up water enough to last for days; with flaps in his nostrils, which he closes to keep out the blasts of sand; with his great hump of fat on his back, which is a store of food, and wastes away during his long fasts — he is the fellow that carries his load of five hundred pounds across the pathless wastes.

BUCKLEY.

Alive or dead, almost every part of the camel is serviceable to man; her milk is plentiful and nutritious: the young and tender flesh has the taste of veal; and the long hair, which falls each year and is renewed, is coarsely manufactured into garments, the furniture and the tents of the Bedoweens.

GIBBON.

EXERCISE 489

Arabic Words

so fa	jar	he gi ra	fa kir	al ka li
am ber	mos lem	su mach	ze nith	ar se nal
ci pher	mosque	syr up	mo hair	as sas sin
cof fee	e lix ir	tar iff	al co hol	ar ti choke
cot ton	sher bet	ze ro	al ge bra	ty phoon

EXERCISE 490

Ar abs	date palms	cof fee	whirl wind	bar ley
Bed ou in	Si nai	Mec ca	stif ling	pearls
si moon	car a vans	pil grims	lo custs	Ko ran′
sheik	kneel ing	Mo ham med	scor pi on	myrrh
o a ses	Mo cha	Da mas cus	grain fields	Al lah

EXERCISE 491

Japan

Yed o	Liu̇ kiu (choo)	mul ber ry	com plex ion
Tō′ ki o	For mo sa	lac quer	alm ond-eyed
O′ sa ka	Yo ko hä ma	jin rik i sha	char coal
sul phur	vol can ic	Mi kä′ do	bra zier
cam phor	earth quakes	o val	chrys an the mum

EXERCISE 492

Chinese Empire

Mon go li a	dense	Ce les tials	tea
Tib et	fam ine	pa gan	rice
Chi na	Can ton	an ces tors	bam boo
A mu̇r′	Shang hai	tra di tions	cin na bar
Ho äng′-Ho	Nan kin	jack ets	o pi um
Yăng′ tse	Hong Kong	sleeves	por ce lain
ter ra ces	Con fu cius	braid	nan keen
in un date	chop sticks	band aged	print ing
Go′ bi	tem ples	de formed	gun pow der

EXERCISE 493

Indo-China and Malaysia

Ma lay′	Bur mese′	ar chi pel a go	Su mät′ ra
Si am ese	tap i o ca	gut ta-per cha	Jav a nese
Si am′	Ma lac ca	in de pend ent	Bôr′ ne o
Bang kok′	sub ma rine	Ba ta vi a	o rang′ ou tang′
Tä gäl′	Phil ip pine	Ma nil a	Sing a pōre′
Jä′ va	Lu zon	Sun da	Ton quïn′

EXERCISE 494

The Pipes at Lucknow — *Whittier*

crept	de spair	breath less	strains
yelled	dread	fierce	domes
cir cles	be wail ing	ven geance	Luck now
swept	prayer	plăid ed	mosque
res cue	maid en	le gion	shrine
shame	croon ing	ten der ly	tar tan
tur ban	home like	blithe some ly	cleaves

EXERCISE 495

Words from India

NOTE. — Many of these words, as *indigo*, have passed through several languages before reaching England, and some have come direct.

ban yan	loot	in di go	sug ar	San skrit
can dy	cash mere	bun̲ ga low	cal i co	musk
chintz	crim son	jun gle	sac′ cha rine	sham poo
gin ger	car mine	ru pee	brah min	gun ny

EXERCISE 496

British India

Bur ma	mon soon	teak	Bräh ma pu̇ tra
Ben gal	Hin du stan	man̲ go	Ï rä wä′ dĭ
Dec can	Ma drăs′	pä′ ri ah	Him ä′ la ya
Cey lon	Cal cut ta	jute	pen in su la
In dus	cin na mon	cas tles	Taj Ma häl′ (tärh)
Gan′ ges	poi son ous	tombs	mau so le um
Bom bay′	palm leaves	i dols	Ben ä′ res
Del′ hĭ	fes ti vals	tem ples	co bra

EXERCISE 497

Persian Words

awn ing	li lac	mum my	par a dise
or ange	tu lip	se poy	as par a gus
ti ger	mag ic	tur ban	car a van
scar let	rice	der vish	tur quoise
peach	shawl	scim i ter	az ure

EXERCISE 498

Persia and Central Asia

shah	Per sian	Te he ran	Af ghan is tan
Ar al	ba zaar	de pres sion	em broid er y
Ï rän′	a meer′	Tur kis tän′	drom e da ry
khan	af ghan	o ri en tal	Be loo chis tan
gyp sies	cash mere	sanc ti ty	bas ti nā′ do
steppes	sŏph ist	in fi del	pȯme gran ate
at tar	ac ro bat	fire-wor ship	i tin e rant
ri val	in laid	pas tor al	brav er y
ha tred	mon arch	no mad ic	cru el ty

EXERCISE 499

Animals of Asia

yak	co bra	ga zelle	el e phant
cam el	lĕop ard	musk deer	croc o dile
ze bu	hy e na	buf fa lo	rhi noç e ros
An̲ go ra	mar ten	pheas ant	cut tle fish
jack al	bus tard	glut ton	mŏs quï to
sa ble	lo cust	mar mot	lem ming

PART VI

EIGHTH GRADE

EXERCISE 500

Dictation

THE SPACIOUS FIRMAMENT — *Addison*

Soon as the evening shades prevail,
The moon takes up the wondrous tale,
And nightly to the listening earth
Repeats the story of her birth;
Whilst all the stars, that round her burn,
And all the planets, in their turn,
Confirm the tidings as they roll,
And spread the truth from pole to pole.

EXERCISE 501

Astronomical

stars	Ple′ ia des	dis tance	in fin ĭte
con stel la tion	North Star	ze nith	depths
milk y way	plan et	pe ri od	span gle
Great Dip per	sat el lite	mag ni tude	cir cu lar
O ri′ on	or bit	e the re al	ho ri zon
Ve nus	Sat urn	Ju pi ter	neb u la
com et	me te or	a ë ri al	u ni verse
ap pear	twin kle	cre a tion	heav en ly

EXERCISE 502

An Election

no tice	po lit i cal	speech	vote
can vass	con ven tion	par ti san	re turns
del e gate	nom i nate	pōlls	mi nor i ty
can di date	nom i nee	jud ges	ma jor i ty
par ty	ac cept	bal lot	plu ral i ty
pre cinct	no ti fy	e lect	of fice

EXERCISE 503

Civil Law

suit	law yer	re tain	sub poē na
sues	at tór ney	ve nī re	tes ti mo ny
fee	plain tiff	proof	re but tal
court	sum mon	prove	le gal i ty
cli ent	ap peal	stat ute	de ci sion
brief	su preme	en join	in junc tion
bench	con tempt	re fute	ex cep tion
bar	tes ti fy	dock et	per emp to ry

EXERCISE 504

In the Criminal Court

grand ju ry	pris on er	guilt y	con vic tion
in dīct	de fend ant	wit ness	sen tence
in dīct′ ment	tri al	ev i dence	im pris on ment
war rant	pros e cu tion	charge	par don
ar rest	pan el	ver dict	com mute
jus tice	plea	ac quit tal	ex e cu tion

EXERCISE 505

An Editorial on Trade Legislation

law mak ers	con di tion	ig no rant	par a dox
im par tial	ul ti mate	un in formed	con sum er
func tions	ten den cy	mon op o ly	qual i ty
di rec tion	def i nite	ob serv er	em ploy ment
lim it ed	proph e cy̆	plen ti ful	work ing men
pre ven tion	pop u lar i ty	in ter est	sump tu a ry
pun ish ment	an ti-trust	re al ize	a gree ments
pro tec tion	val id i ty	at ten tion	re sent ment
rev e nue	en cour age	pan a ce a	dis tinc tion
so cial ism	dis hon es ty	un re strained	ex pe di en cy
soph ist ry	en act ment	con cen trate	com pe ti tion

EXERCISE 506

Legislative Terms

ses sion	en act	mo tion	com mit tee
mem ber	a mend	sub sti tute	leg is la tion
mile age	com mit	file clerk	con sti tu tion al
per di em	re port	speak er	ap pro pri ate
quo rum	re peal	ser geant	in tro duce
ad journ	op pose	mes sage	leg is la tor
stat ute	fa vor	im peach	leg is la ture
con cur	sup port	sen a tor	priv i lege
re cede	con fer	de feat	le gal i ty
ve to	lob by	re scind	man u al
post pone	de bate	pre vi ous	neg a tive
ad here	a dopt	au thor ize	af firm a tive
cen sure	en gross	se cre cy	u nan i mous

EXERCISE 507

Arithmetical Terms

root	rad i cal	sep a rate	pro por tion
square	per fect	re quired	quan ti ties
cube	in dex	ap prox i mate	com pound
pow er	ex po nent	in duc tion	ex tremes
de gree	tri al	ev o lu tion	e quā tion (shŭn)
an nex	com plete	an te ced ent	de nom i nate
sign	means	con se quent	com pu ta tion

EXERCISE 508

Mensuration

sur face	cir cle	di ag o nal	quad ri lat er al
a′ re a	ra di us	tri an gle	e quiv a lent
lin e ar	prism	al ti tude	per pen dic u lar
an gle	pyr a mid	di men sions	hy pot e nuse
ver tex	cyl in der	trap e zoid	rec tan gu lar
ver ti ces	cone	car pet ing	cir cum fer ence
pol y gon	sphere	plas ter ing	board meas ure
per im e ter	vol ume	pa per ing	ca pac i ty

EXERCISE 509

Insurance

fire	pre mi um	in sure	so lic it	ac ci dent
ma rine	ar son	term	mu tu al	li a bil i ty
life	hold er	sur rend er	to tal	mor tal i ty
ti tle	risk	pro tec tion	bus i ness	ta ble
pol i cy	loss	prop er ty	rec ord	prob a ble
lapse	dam age	ad just	paid	fra ter nal

EXERCISE 510

Military Officers

en sign	colo nel (kŭr nel)	com mand er	ep au lets
ser geant	ma jor	quar ter mas ter	court mar tial
cor po ral	brig a diēr	com mis sa ry	pro mo tion
lieū ten ant	gen er al	head quar ters	dis′ ci pline

EXERCISE 511

Military Terms

charge	at tack	en gage	oc cu py
re treat	scout	an noy	with draw
in vest	de sert	sup port	for ti fy
block ade	re pel	in trench	cap ture
pa rade	mus ter	sur ren der	ad vance
de fend	am bush	bom bard	sa lute
fu sil lade	de coy	un lim ber	coun ter sign
be siege	re lieve	de ploy	re ën force

EXERCISE 512

The Soldier and the Army

en list	bat tal ion	cōr*ps* (pl. kōrz)	fur lōugh	shoul der
serve	reg i ment	mi li tia	in fan try	bar racks
dis charge	can teen	vol un teers	ar til ler y	pen sion
drill	ri fle	reg u lars	zouäves	troop
sen try	pick et	march	re serves	gar ri son
squad	du ty	u ni form	rec on noi ter	prov en der
pla toon	vet e ran	bay o net	right wheel	de tail
com pa ny	di vi sion	com răde	re cruit	bri gade

EXERCISE 513

The Discovery of America

Eu rope	Gen′ o a	Co lum bus	car a vels
East In dies	Black Sea	ob scure	San ta Ma ri a
trade routes	Pa lōs	charts	Per sian Gulf
car a vans	Turks	west ward	Ca na ries
Ven ice	Af ri can	seek ing	dis cov ered
Caī ro	coast	sea far ing	Ba ha mas
Red Sea	shel ter	nav i ga tors	Is a bel la

EXERCISE 514

Early Explorers

Leīf	Ma gel lan	Me nen dez (dăth)	Cham plain
Cab ot	Be ring	Fro′ bish er	Hud son
{A mer i cus	Car tier	Drake	Hen ne pin
{Ves pū′ cius	Nar va ez′ (ăth)	Gil bert	Pōn ce[1] de Le on
Cor tez	De Sō to	Ra leigh	Vas co da Ga ma
Bal bō′ a	Rï bault′ (bō)	Gos nold	claims

[1] thā.

EXERCISE 515

The Settlement of Virginia

James town	count less	grum bling	bur gess es
Lon don	ruf fians	re forms	bor oughs
com pa ny	joint stock	cul ti va tion	wealth y
gen tle men	hard ships	slav er y	cor por a tion
mer chants	en er gy	in tro duc tion	an nulled
coun cil	cour age	ser vants	Berke ley
pre cious	star va tion	wom en	Cav a liers
met als	sur viv ors	pas sage	to bac co

EXERCISE 516

The New England Colonies

Pur i tans	coun cil	Char ter Oak	Wil liams
pow er ful	as sist ants	witch craft	Hook er
so cial	e lect ed	reg i çīdes	Pe quots
po si tion	an nu al ly	mag is trates	En di cott
Win throp	im pris oned	Hutch in son	meet ing house
set tle ment	par ish es	the ol o gy	Un der hill
ed u ca tion	town ships	con tro ver sy	Dav en port
in tol er ance	re pub lics	blue laws	duck ing stool

EXERCISE 517

The Middle Colonies

Man hat tan	owned	ad mired	Stuȳ ve sant
ap peared	sea board	re li gions	Cal vert
re ward ed	ref use	broth er ly	Cath o lic
sur round ed	pa troons′	bound a ry	tol er ant
com plied	Friends	New Swe den	in her it ed
con science	be lief	dep u ty	con ces sion

EXERCISE 518

Georgia and the Carolinas

O gle thorpe	found er	sects	Hū guē nots
be nev o lent	dĕb̆t ors	jails	High land ers
per se cut ed	trus tees	filled	Scotch I rish
pov er ty	a new	Mo ra vi ans	en croach ment
o ver seer	pleas ure	Locke	plan ta tions
vi sion a ry	se cured	thwart	dis sat is fied
Wes ley	ref uge	re sign	char i ta ble

EXERCISE 519

Colonial Wars

La Salle	de fen sive	A ca di a	Sche[1] nec′ ta dy
Mar quĕtte	Ir o quois	Port Roy al	mas sa cre
pos ses sion	roast ed	U trĕcht	a tro cious
Frŏn te nac	cap tives	fŏr tress	Hav er hill
in ten tions	frŏn tier	Lou is burg	Pep per ell
con quest	block house	Shir ley	Kas kas ki a

[1] akē.

EXERCISE 520

Government of the Colonies

char ters	roy al	co lo ni al	pro pri e ta ry
writ ten	in di vid u al	pro vin cial	reg is tra tion
con tracts	grant ed	gov ern or	ve toed
crown	tract	ap point ed	dis al lowed
col o nists	pri vate	in struct ed	ap proved
de fin ing	own er	re called	sanc tioned
shores	as sem bly	re moved	pro rogue

EXERCISE 521

The French and Indian War

Du quesne	gul lies	Wolf's Cove	ca pit u lat ed
Brad dock	de feat	prec i pice	pro vin cials
fear less	Crown Point	Mont calm	ex pe ri ence
de spised	states men	as ton ished	in ac cess i ble
tac tics	jeal ous	in dem ni fy	Ti con de ro ga
un seen	Chat ham	Mont mo ren cy	ne ces si ty

EXERCISE 522

Elegy in a Country Churchyard — *Gray*

NOTE. — These lines were recited by Wolfe as the British boats floated in darkness to the foot of the precipice at Quebec.

The boast of heraldry, the pomp of power,
And all that beauty, all that wealth e'er gave,
Await alike the inevitable hour: —
The paths of glory lead but to the grave.

EXERCISE 523

Causes of the Revolutionary War

Laws of Trade	main tain	crew	Gren ville
man age ment	ex pense	tax	de fense
Par lia ment	Stamp Act	doubt	or a tor
nav i ga tion	li cense	gain	Con gress
op press ive	al ma nac	burned	griev ance
ad mi ral ty	stamped	searched	re sist ance
dis trib u tor	doc u ment	ri ot	death's-head
Meck len burg	seized	can celed	ex cite ment

EXERCISE 524

Dictation — *Patrick Henry*

Gentlemen may cry peace! peace! — but there is no peace. The war is actually begun! The next gale that sweeps from the North will bring to our ears the clash of resounding arms! Our brethren are already in the field! Why stand we here idle? What is it that the gentlemen wish? What would they have? Is life so dear, or peace so sweet, as to be purchased at the price of chains and slavery? Forbid it, Almighty God! I know not what course others may take; but, as for me, give me liberty, or give me death!

EXERCISE 525

The News from Lexington—*Bancroft*

Darkness closed upon the country and upon the town; but it was no night for sleep. Heralds on swift relays of horses transmitted the war message from hand to hand, till village repeated it to village; the sea to the backwoods; the plains to the highlands.

The Alleghanies, as they listened, opened their barriers that the "loud call" might pass through to the hardy riflemen. . . . Ever renewing its strength, powerful enough even to create a commonwealth, it breathed its inspiring word to the first settlers of Kentucky; so that hunters who made their halt in the matchless valley of the Elkhorn commemorated the nineteenth day of April by naming their encampment Lexington.

EXERCISE 526

Events in New England

Con cord	Pit cairn	Gage	Pres cott	Bunk er Hill
Lex ing ton	Han cock	Howe	War ren	in trench ment
Re vēre	Ar nold	siege	com mit tee	Mont gom er y
yeō man ry	as sault ed	news	safe ty	min ute men
dis perse	Que bec	lan tern	earth works	Con ti nen tal

EXERCISE 527

Supposed Speech of John Adams

Sink or swim, live or die, survive or perish, I give my hand and my heart to this vote. It is true indeed, that in the beginning we aimed not at independence. But "there's a divinity that shapes our ends." The injustice of England has driven us to arms; and, blinded by her own interest for our good, she has obstinately persisted, till independence is now within our grasp. We have but to reach forth to it and it is ours. Why, then, should we defer the Declaration?

EXERCISE 528

Declaration of Independence

When, in the course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume among the powers of the earth the separate and equal station to which the laws of nature and nature's God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.

EXERCISE 529

ev i dent	cer tain	pow ers	gov ern ments
cre at ed	lib er ty	con sent	in sti tut ed
en dowed	hap pi ness	du ty	un al ien a ble
Cre a tor	pur suit	al ter	de struc tion
rights	re ceive	a bol ish	foun da tion
ef fect	o pin ion	in sti tute	prin ci ples
safe ty	ex pe ri ence	pur su ing	se cu ri ty
dic tates	es tab lished	a bus es	de sign

EXERCISE 530

tran sient	suf fer a ble	po tent	con strains
caus es	u sur pa tion	re peat ed	sub mit ted
jus tice	in va ri a ble	pro vide	can did
there for	au thor i ty	fu ture	pro tec tion
as sem bled	so lem ni ty	po lit i cal	mu tu al ly
ap peal ing	de clare	to tal ly	pledge
rec ti tude	ab solved	dis solved	for tunes
in ten tions	al le giance	sup port	sa cred
ac cord ing ly	ac qui es cence	re li ance	hon or

EXERCISE 531

Around New York City and Philadelphia

heights	Christ mas	Bran dy wine	Ston y Point
Sul li van	crossed	Ger man town	Wayne
sur ren der	sur prised	Val ley Forge	Clin ton
with drew	Hes sians	Steu ben	West Point
White Plains	Tren ton	Mon mouth	trĕach er y
Mor ris town	La Fay ette	court mar tial	Ma jor An dré

EXERCISE 532

Dictation — *Burns*

Burgoyne gaed up, like spur an' whip,
  Till Fraser brave did fa', man;
Then lost his way, ae (one) misty day,
  In Saratoga shaw, man.
Cornwallis fought as lang 's he dought,
  An' did the buckskins claw, man;
But Clinton's glaive frae rust to save,
  He hung it to the wa', man.

EXERCISE 533

Burgoyne's Invasion

St. Lĕ ger	Gates	Ben ning ton	as sist ance
Six Na tions	vain	sa ga cious	ma neu vers
wil der ness	mean	en trapped	pre vent ed
com pound	grudge	cap tured	Sar a to ga
e vac u ate	Brant	pris on ers	Bur goyne
Schuȳ ler	failed	bril liant	sur ren dered
fill ing	force	vic to ry	ne go ti ate
rap id ly	fierce	Her ki mer	al li ance
ob struc tion	Stark	Stan wix	rec og nized

EXERCISE 534

Song of Marion's Men — *Bryant*

Well knows the fair and friendly moon
  The band that Marion leads —
The glitter of their rifles,
  The scampering of their steeds.
'T is life to guide the fiery barb
  Across the moonlit plain;
'T is life to feel the north-wind
  That lifts his tossing mane.
A moment in the British camp,
  A moment — and away!
Back to the pathless forest
  Before the peep of day.

EXERCISE 535

The War in the South

Moul trie	par ti san	ir reg u lar	King's Moun tain
o ver run	lead ers	war fare	back woods men
re in stat ed	Mar i on	rob ber y	Cow pens
Cam den	Sum ter	Greene	Tarle ton
de feat	Pick ens	Mor gan	strat e gy
in flict ed	To ries	tac tics	vic to ry

EXERCISE 536

Cornwallis's Surrender

Guil ford	warned	pre vent ed	Ro cham beau
Eu taw Springs	French	es cape	block ade
re treat	fleet	be sieged	co öp er a tion
pur suit	haste	gal lant	Corn wal lis
York town	forced	de fense	sur ren dered

EXERCISE 537

The Critical Period

trea ty	as signed	Fed e ral	Jef fer son
ne go ti at ed	com mis sion	con ven tion	Ham il ton
signed	dif fi cul ties	pro posed	Mad i son
Frank lin	ex ist ed	Con ti nen tal	Mar shall
e vac u at ed	gar ri sons	Con gress	leg is la tures
em i grat ed	re mained	sanc tioned	rat i fied
re im bursed	mal con tents	pro tract ed	op er a tion
Par lia ment	Shays	de bates	in au gu ra tion

EXERCISE 538

Speech on Hamilton — *Webster*

He smote the rock of national resources, and abundant streams of national revenue gushed forth. He touched the dead corpse of Public Credit, and it sprang upon its feet.

EXERCISE 539

Early National Legislation

tar iff	chief jus tice	cab i net	find ing
light hous es	as so ci ate	ad vis ers	a gree ment
bea cons	cir cuits	cer tif i cates	na tion al
or di nance	treas ur y	lot ter y	cap i tal
re ën act ed	treas ure	as sump tion	in sur rec tion

EXERCISE 540

Art. III — The Northwest Ordinance, 1789

Religion, morality, and knowledge, being necessary to good government and the happiness of mankind, schools and the means of education shall forever be encouraged.

EXERCISE 541

National Development

Ma ri et ta	Tip pe ca noe	mint	feel ing
flat boats	in ter val	coin	Ful ton
wil der ness	turn pike	mā′ ni a	doc trine
St. Clair	Cler mont	spe cie	med dle
Wayne	sus pen sion	cede	al lies
or gan ized	pay ment	wild cat	af fairs

EXERCISE 542

Washington's Birthday — *Lee*

First in war, first in peace, and first in the hearts of his countrymen, he was second to none in the humble and endearing scenes of private life. Pious, just, humane, temperate, and sincere; uniform, dignified, and commanding, his example was as edifying to all around him as were the effects of that example lasting.

To his equals he was condescending; to his inferiors kind; and to the dear object of his affections exemplarily tender.

EXERCISE 543

Dictation — *Holmes*

The closing stanza of a poem written in protest against the dismasting of Old Ironsides.

Oh better that her shattered hulk
  Should sink beneath the wave;
Her thunders shook the mighty deep,
  And there should be her grave;
Nail to the mast her holy flag,
  Set every threadbare sail,
And give her to the god of storms,
  The lightning and the gale!

EXERCISE 544

The War of 1812

Hull	Law rence	cap tured	frig ates	in dig na tion
Meigs	De ca tur	Cŏck burn	pri va teers	Lun dy's Lane
Per ry	Paul Jones	Cap i tol	I ron sides	Mc Don ough
fleet	sur ren der	Mc Hen ry	earth works	sloop of war
storms	Law rence	span gled	at tacked	Pak′ en ham
raid	Ma comb	ban ner	G*h*ĕnt	slaugh ter
na val	Mimms	u ni fied	block ade	Platts burg
E rie	Wasp	Frol ic	sea men	de stroyed

EXERCISE 545

The Struggle for National Recognition

Fed er al ist	di rect o ry	al ien	em bar go
neu tral i ty	de fense	se di tion	Ches a peake
al li an ces	trib ute	nat u ral ized	Leop ard
sail ors	or ders	for eign er	in ter course
im pressed	Coun cil	Lou i si a na	prep a ra tion
fare well	re tal i ate	pur chase	ex cite ment
ad dress	in de ci sive	ex plored	im press ment

EXERCISE 546

Andrew Jackson

Clay	vi o lent	bit ter ness	re ë lect ed
ty rant	hon est	op po nents	pro tect ive
Web ster	tar iff	sin cere	threat ened
e ter nal	treas ur y	stub born	se ces sion
Ta̤ ney	ve toed	in sti tu tion	Whigs
Cal houn	char ter	nul li fi ca tion	or di nance

EXERCISE 547

The Mexican War

log cab in	Pä lo Äl to	Win field Scott
hard ci der	Sal til lo (yō)	San ta An na
cam paign	Mon te̱ re̱y	Bue̱ na Vis ta
an nex a tion	Keär ney	Wil mot
Thorn ton	Fre mont	pro vi so
blood shed	un set tled	bound a ries
squat ter	sov er eign ty	fu gi tive

EXERCISE 548

Settlement of California

mis sion	o ver land	un bear a ble	for bäde
mill race	Pan a ma	law less ness	south ern
par ti cles	fe ver	Lynch law	ap prov al
shin ing	thieves	ad mis sion	north ern
dig gings	cut throats	state hood	sym pa thized

EXERCISE 549

Dictation — *Daniel Webster*

When my eyes shall be turned to behold, for the last time, the sun in heaven, may I not see him shining on the broken and dishonored fragments of a once glorious Union; on States dissevered, discordant, belligerent; on a land rent with civil feuds, or drenched, it may be, in fraternal blood! Let their last feeble and lingering glance, rather, behold the gorgeous ensign of the Republic, now known and honored throughout the earth, still full high advanced, its arms and trophies streaming in their original lustre, not a stripe erased or polluted, not a single star obscured.

EXERCISE 550

The Civil War

Con fed er ates	An der son	Sum ter	Chase
Beau re gard	sen ti ment	Da vis	emp ty
slave hold ing	Un ion ists	Pick ens	news
bom bard ment	Fed er al	pac i fy	ex tra
ca pit u lat ed	con ces sions	ses sion	be set
be wil der ment	con fu sion	ea ger	horde

EXERCISE 551

re lied	Mc Clel lan	hos tile	Trent
slaves	or gan ize	es trange	meas ure
sup port	con fis cat ing	free dom	Sli dell
e quipped	in sur rec tion	seiz ure	Wilkes
John ston	con tra band	mis chief	per il
Bull Run	neu tral i ty	de stroyed	claims
de feat ed	ship build ers	af fair	aimed
pan ic	Al a ba ma	em barked	cause

EXERCISE 552

Naval Affairs

draft	cruis er	block ade	ar ma ment
speed	war ship	frig ate	Mon i tor
knots	tur ret	i ron clad	bat tle ship
plate	ar mored	twin screw	ad ver sa ry
craft	pro pel ler	ma neu vers	dis place ment
scheme	Mer ri mac	tor pe do	Er ics son
gun ner	cyl in der	com mo dore	gen ius

EXERCISE 553

Hen ry	im pa tient	Don el son	terms
ad vance	un der took	im me di ate	terse
o beyed	as sailed	ac cept ed	Shi loh
de fense	suc ces sion	dis tinc tion	Cor inth
Grant	com mand er	Fort Pil low	Bu ell
Foote	un con di tion al	Far ra gut	But ler
cau tious	gar ri son	in trench ment	skil ful

EXERCISE 554

Ma nas sas	Fair Oaks	Cold Har bor	Ear ly
Pen in su lar	Stone wall	Sher i dan	bril liant
York town	Mc Dow ell	Win ches ter	col umn
An tiē′ tam	Burn side	Pe ters burg	ar mies
Wil der ness	Rap i dan	strat a gem	de feat
cop per heads	Hal leck	cap ture	threat en
Long street	Han cock	con fis cate	con tra band
Shen an do ah	ex cite ment	in va sion	ob sti nate

EXERCISE 555

Vicks burg	Chick a mau ga	siege	Thom as
Pem ber ton	Mis sion a ry	trench	Hook er
Port Hud son	At lan ta	doomed	Look out
Ro se crans	dev as tat ed	cit y	Sher man
ri fle pits	cor du roy	Bragg	for age
rav a ges	con fla gra tion	Hood	bum mers
hos pi tal	star va tion	route (rōōt)	guer ril la
wound ed	ex haust ed	rout	war fare
cam paign	com plete	ex pense	re tal i ate

EXERCISE 556

Battle of Gettysburg

Lee	Get tys burg	Long street	charge
Meade	crit i cal	Pick ett	corps
ridge	con cen trate	Sic kles	loss es
rear	Sem i na ry	de fi ance	heav y
sa bre	Cem e ter y	Round Top	won
fight	can non ade	ter rif ic	re pulse

EXERCISE 557

Address at Gettysburg — *Abraham Lincoln*

It is rather for us to be here dedicated to the great task remaining before us, — that from the honored dead we take increased devotion to that cause for which they gave the last full measure of devotion — that we here highly resolve that these dead shall not have died in vain — that this nation, under God, shall have a new birth of freedom — and that government of the people, by the people, for the people, shall not perish from the earth. — *November* 19, 1863.

EXERCISE 558

four score	prop o si tion	e qual	civ il
con ceived	ded i cat ed	cre at ed	fi nal
en gaged	bat tle field	na tion	sense
al to geth er	con se crat ed	en dure	dead
de vo tion	un fin ished	wheth er	prop er
re main ing	gov ern ment	hon ored	brought
mal ice	or phan	a chieve	strain
char i ty	speed i ly	judg ment	scourge

EXERCISE 559

O Captain! My Captain! — *Whitman*

O captain! my captain! our fearful trip is done,
The ship has weathered every rack, the prize we sought is won,
The port is near, the bells I hear, the people all exulting,
While follow eyes the steady keel, the vessel grim and daring;
But O heart! heart! heart!
O the bleeding drops of red,
Where on the deck my captain lies,
Fallen cold and dead.

EXERCISE 560

The Close of the Civil War

Ap po mat tox	ac cept ed	truce	as sas sin
as sas si na tion	pa roles	Booth	pur sued
sub stan tial ly	pri vate	the a tre	re view
trans por ta tion	al lowed	grief	vet er ans
ag gre gat ed	bag gage	wom an	re turned
con spir a cy	rem nants	ex cite ment	Grand Ar my
ac com plice	Sew ard	o di um	re sume

EXERCISE 561

re con struc tion	freed men	breach	ten ure
car pet bag gers	bu reau	foiled	con sent
ad ven tur ers	ev i dent	civ il	a chieve
im peach ment	wid ened	rights	pru dence
sat is fac to ry	prom i nent	tri al	oc curred
in ter fer ence	peace mak ing	close	in creased
am bu lance	sub sist ence	greed	le gal ten der
san i ta ry	com mis sa ry	fraud	ac quit tal

EXERCISE 562

Dictation

Let me picture to you the footsore Confederate soldier, as, buttoning up in his faded gray jacket the parole which was to bear testimony to his children of his fidelity and faith, he turned his face southward from Appomattox in April, 1865. Think of him as ragged, half starved, heavy-hearted, enfeebled by want and wounds, having fought to exhaustion, he surrenders his gun, wrings the hands of his comrades in silence, and lifting his tear-stained and pallid face for the last time to the graves that dot the old Virginia hills, pulls his gray cap over his brow and begins the slow and painful journey.

HENRY W. GRADY.

EXERCISE 563

The Confederate Soldier

drawn	worth less	prob lem	mis guid ed
pic ture	so cial	lib er at ed	beau ti ful
pomp	feu dal	sul len ness	suf fer ing
cir cum stan ces	mag nif i cence	de spair	gen er ous
vic to ri ous	peo ple	ad ver si ty	in dus tri al
tread	sta tus	o ver whelm ing	po lit i cal

EXERCISE 564

de feat	com rades	trench es	ev o lu tion
pa thos	shoul ders	fur row	con fi dence
wel comed	tra di tions	Fed er al	ver dict
splen dor	crushed	charged	con fid ed
he roes	em ploy ment	marched	pros trate
dev as tat ed	train ing	up lift ing	con front ed

EXERCISE 565

cen ten ni al	Cus ter	re sump tion	spe cie
ex po si tion	Sioux	po lyg a my	pay ments
e lec tric al	sub tle	a bol ished	Til den
ap pli ance	dis as ter	pro hib it ed	Chi nese
Bar thol di	re venge	la bor ers	com merce
e lect or al	ar bi trate	in ter state	Blaine
com mis sion	sense	rec i proc i ty	cop y right
mon e ta ry	re lief	an ar chist	ri ot ous

EXERCISE 566

Dictation

After observing the facts of a full century, one may therefore say of the American democracy that it has contracted public debt with moderation, paid it with unexampled promptness, acquired as good a public credit as the world has ever known, made private property secure, and shown no tendency to attack riches or to subsidize poverty, or in either direction to violate the fundamental principle of democracy that all men are equal before the law.

C. W. Eliot.

EXERCISE 567

Treaty-making

truce	pro pos al	ul ti ma tum	de ter mine
peace	re jec tion	plen a ry	re mun er ate
draft	del i cate	te na cious	pro ceed ings
trea ty	prac ti cal	re fus al	cour te sy
en voy	pre cēd′ ent	re it er ate	ar mis tice
neu tral	prĕç′ e dent	me di a tion	am bas sa dor
in i tial	pre cēd′ ence	ne go ti a tion	rat i fi ca tion

EXERCISE 568

Writers of American History

Bàn croft	Bryce	Win sor	Hig gin son
Park man	Hart	Thwaites	Mc Mas ter
Chan ning	Fiske	Schoul er	Mc Laugh lin
Hil dreth	Rhodes	Von Holst	Roose velt
Pres cott	Ad ams	Hins dale	Eg gles ton

Make a list of ten or twenty references, including historical stories, found in your school library.

EXERCISE 569

Native Americans

Squan to	Pow ha tan	Mon te zu ma	Lit tle Tur tle
Sam o set	Mas sa soit	Po ca hon tas	Black Hawk
Pon ti ac	Te cum seh	King Phil ip	Lit tle Crow
Os ce o la	Sas sa cus	Ca non i cus	Sit ting Bull

EXERCISE 570

Select ten of the more familiar words.

Az tec	Mo hawk	Sem i nole	O non da ga
Creek	Choc taw	Cay u ga	Tus ca ro ras
Hu ron	Ir o quois	O nei da	Nar ra gan setts
E rie	Sen e cas	Chic a saw	Ath a bas can
Pe quot	Mo he gan	Pow ha tan	Chey enne
Shaw nee	Del a ware	Cher o kee	Es ki mo
O ma has	Sho sho ne	Chip pe wa	Co man che
Sioux (soo)	A pa ches	Flat heads	Win ne ba go
Nav′ a jo (hō)	Black feet	Da co tah	As sin i boin

EXERCISE 571

Merchant of Venice — *Shakespeare*

qual i ty	heav en	mon arch	where in	con sid er
mer cy	be neath	scep tre	earth ly	course
strained	blessed	tem po ral	sea sons	sal va tion
drop peth	bless eth	at tri bute	jus tice	prayer
gen tle	might i est	maj es ty	there fore	mit i gate

EXERCISE 572

Words from Poe's *Raven*

drear y	sep a rate	thrilled	dark ness	to ken
pon dered	dy ing	fan tas tic	peer ing	spo ken
quaint	em ber	re peat ing	fear ing	whis pered
cu ri ous	wrought	en treat ing	doubt ing	Le nore
lore	ghost	en trance	noth ing	ech o
nod ded	ra di ant	hes i tat ing	un bro ken	lat tice
vis it or	un cer tain	for give ness	un mer ci ful	mys ter y
bleak	rus tling	im plore	still ness	state ly

EXERCISE 573

rā ven	coun te nance	plac id	be took	proph et
pal lid	cra ven	out pour	fan cy	lad en
o bei sance	ghast ly	apt ly	om i nous	saint ed
mien	quoth	doubt less	croak ing	shrieked
perched	dis course	bur den	guess ing	seem ing
Pal las	rel e van cy	dir ges	fi er y	dream ing
eb o ny	un gain ly	be guil ing	me thought	shad ow
de co rum	sculp tured	cush ioned	cen ser	nev er more

EXERCISE 574

Dictation

PREAMBLE TO THE CONSTITUTION OF THE UNITED STATES

We, the people of the United States, in order to form a more perfect union, establish justice, insure domestic tranquillity, provide for the common defense, promote the general welfare, and secure the blessings of liberty to ourselves and our posterity, do ordain and establish this CONSTITUTION for the United States of America.

EXERCISE 575

House of Representatives

com posed	at tained	un til	leg is la ture
mem bers	cit i zen	ex ceed	req ui site
chos en	ap por tioned	least	qual i fi ca tion
peo ple	in clud ed	is sue	au thor i ty
e lect ors	de ter mined	writs	ex ec u tive
num er ous	sub se quent	such	in hab it ant
serv ice	ex clud ing	sale	im peach ment
rev e nue	va can cies	taxed	e nu mer a tion

EXERCISE 576

The Senate

sen a tors	ex er cise	each	im me di ate ly
there of	pre side	seats	ex pi ra tion
as sem bled	con vict ed	oath	af firm a tive
e qual ly	un less	chief	con cur rence
va cat ed	ab sence	tried	tem po ra ry
di vid ed	re cess	which	res ig na tion

EXERCISE 577

Congressional Procedure

dif fer ent	jour nal	rules	lim i ta tions
con sti tute	quo rum	yeas	re spec tive ly
pen al ties	bus i ness	nays	re con sid er
de ter mine	ad journ	signed	res o lu tions
ob jec tion	se cre cy	a gree	o rig i nate
dis ap proved	pro ceed	sent	nec es sa ry

EXERCISE 578

Privileges and Disabilities

re ceive	ques tioned	breach	com pen sa tion
serv i ces	dif fer ent	peace	as cer tained
ar rest	pre scribed	ex cept	dis or der ly
trea son	priv i leged	speech	e mol u ments
fel o ny	be hav ior	ei ther	in creased
fur ther	re mov al	ex cel	con tin u ance

EXERCISE 579

Powers of Congress

col lect	bor row	coin	nat u ral i za tion
tax es	mon ey	ta bles	coun ter feit ing
du ties	cred it	sci ence	bank rupt cies
im ports	reg u late	au thors	ap pro pri a tions
ex cise	com merce	marque	par tic u lar
u ni form	for eign	na val	in sur rec tions
de fense	cur rent	ses sion	in va sions
wel fare	pro mote	weight	gov ern ment

EXERCISE 580

Powers denied to Congress

o bliged	per sons	pri or	pref er ence
ex ceed ing	pre pare	en ter	cap i ta tion
sus pend ed	safe ty	clear	ex pend i tures
re bel lion	re quire	laid	mi gra tion
ar ti cles	ac cept	passed	im por ta tion
no bil i ty	con sent	trust	pro hib it ed

EXERCISE 581

Denied to the States

trea ty	ten der	use	in spec tion
al li ance	pay ment	troops	re vi sion
re pris al	con tracts	ad mit	a gree ment
a ny thing	con trol	de lay	im mi nent
com pact	ton nage	ti tle	ab so lute ly

EXERCISE 582

The Presidential Office

ex e cute	trans mit	choice	mis de mean or
nom i nate	de volve	whole	af firm a tive
cer ti fy	con vene	swear	in for ma tion
re mov al	meas ures	sealed	con sid er a tion
el i gi ble	re moved	meet	ex traor di na ry
res i dent	re press	vice	am bas sa dor
faith ful ly	ex cept	ve to	ex pe di ent
brib e ry	trea son	term	ex ec u tive
re prieve	con sul	oath	res ig na tion

EXERCISE 583

United States Courts

ju di cial	su preme	courts	con tro ver sies
eq ui ty	or dain	claims	ad mi ral ty
ad her ing	con sist	case	ju ris dic tion
con fes sion	o vert	grants	ap pel late
com mit ted	com port	proved	be hav ior
at tain der	ex emp tion	ap peals	for feit ure

EXERCISE 584

Dictation

FIRST AMENDMENT

Congress shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof; or abridging the freedom of speech, or of the press; or the right of the people peaceably to assemble and to petition the government for a redress of grievances.

EXERCISE 585

Amendments to the Constitution

re li gion	com pelled	due	es tab lish ment
peace a bly	jeop ar dy	suit	com pul so ry
pe ti tion	prop er ty	bear	pre vi ous ly
griev an ces	im par tial	void	ac cu sa tion
vi o lat ed	con front ed	right	pun ish ment
prob a ble	as sist ance	race	pros e cut ed
cap i tal	con struct	bail	ap pli ca tion
in fa mous	dis par age	seize	rat i fi ca tion

EXERCISE 586

Familiar Chemical Terms

ac id	al ka li	vol a tīle	de com pose
el e ment	re act	pre cip i tate	com pound
so lu tion	ox i dize	form u la	an a lyze
dis solve	sol u ble	sat u rate	pre pare
fil ter	re tort	a tom ic	poi son
sol vent	res i due	mol e cule	gen er ate

EXERCISE 587

Terms used in Physics

flu id	rar e fy	co he sion	phe nom e non
la tent	grav i ty	ad he sion	ex per i ment
fu sion	liq ue fy	e las tic	ra di a tion
di lute	in su late	re sult ant	cen trif u gal
suc tion	in ter val	va por ize	cen trip e tal
si phon	so no rous	ex pan sion	ap pa rā tus
e ther	a cous tic	con trac tion	lab o ra to ry

EXERCISE 588

sci ence	dens i ty	re pul sion	ac cel er ate
liq uid	ra di ant	at trac tion	gal van ic
mag net	en er gy	a que ous	Fah ren heīt
fric tion	spe cif ic	fus i ble	in ten si ty
sub stance	vac u um	a mal gam	in er tia
por ous	prin ci ple	vi bra tion	crys tal lize
spec trum	the o ry	am pli tude	te nac i ty
vol tage	par ti cle	in duc tion	prop er ty

EXERCISE 589

Dictation — *Tennyson*

Flower in the crannied wall,
  I pluck you out of the crannies;
Hold you here, root and all, in my hand,
  Little flower — but if I could understand
What you are, root and all, and all in all,
I should know what God and man is.

EXERCISE 590

Pertaining to Church Matters

pew	tol er ate	cur few	re li gion
aisle	her e sy	pi e ty	cler i cal
pul pit	el der	pros e lyte	sec u lar
hymn book	syn od	ves try	pa ro chi al
mis sal	font	vic ar	Sab bath
serv ice	bel fry	sur plice	com mun ion
chan cel	stee ple	cler gy	sect
or tho dox	cat e chism	la i ty	schism
her e tic	vest ment	par son age	rit u al
per se cute	sex ton	sac ra ment	di o cese

EXERCISE 591

Musical Terms

tune	scale	so lo	clef	en core
note	al to	du et	chord	prac tice
staff	bāss	quar tette	mu sic	har mo ny
key	ten or	choir	dis cord	re hears al
pitch	trĕ ble	rote	so pra no	op er a

EXERCISE 592

Words of Interesting Make-up

NOTE. — Many such words may be found in a large dictionary.

doff, *do off;* formerly written d'off.
don, *do on;* formerly written d'on.
daisy, *day's eye.*
story, a shortened form of the Greek word *history.*
ballot, *a little ball;* balls are still used for voting in fraternities.
nought, *not aught,* hence *nothing.*
verdict, *a true pronouncement.*
privilege, *a private* or *privy law*

EXERCISE 593

school, the Greek word means *leisure* or *spare time.*
colossal, ships entering the harbor of Rhodes, passed between the legs of a huge statue, or *Colossus* of Apollo.
stentorian, *Stentor* was a prodigious shouter at the Siege of Troy.
tantalize, *Tantalus,* dying of thirst, was permitted to raise the cup to his lips all day long, but for his crimes was prevented from quite drinking.
dandelion, *tooth of a lion* — its leaves are toothed.
Philip, *a lover of the horse.*
Philippic, a speech by Demosthenes against Philip of Macedon.

EXERCISE 594

Add the Latin suffix ***cide****, meaning* ***to cut down or to kill****, to each of the following:*

fratri (*brother*)	matri (*mother*)	regi (*king*)
sorori (*sister*)	infanti (*child*)	germi (*germ*)
patri (*father*)	sui (*self*)	homi (*man*)

MODEL. — *Fratri + cide = fratricide, the murder of a brother.*

EXERCISE 595

Words ending in *sion*

NOTE. — The ending *sion* preceded by an accented vowel is pronounced *zhun*. Under other conditions the ending *sion* = *shun*.

fu sion	a ver sion	per sua sion	in ci sion	se ces sion
le sion	per mis sion	de pres sion	e ro sion	col li sion
o mis sion	ex pres sion	con vul sion	ex cur sion	con clu sion
co he sion	ex plo sion	re vi sion	al lu sion	pre ci sion

EXERCISE 596

The Use of *in* in Compound Words

NOTE. — *In* often means *not*, *in*, *into*, *on*, or *against*. For ease of pronunciation the letter *n* of *in* is often changed to *m*, or *l*, or *g*, or *r*.

in hu man	in born	in flame	in sane	in con ven ient
in jus tice	in ca pac i ty	in road	in val id	in an i mate
in glo ri ous	in fre quent	in firm	in sight	in scrip tion
in se cure	in ac cu rate	in cor rect	in sin cere	in tox i cate

im pure	il le gal	ir rev er ent	im pa tient	im pos si ble
im press	ig no ble	ir reg u lar	im mor al	im mi grate
im print	il lit er ate	ir rup tion	im mor tal	il le git i mate

EXERCISE 597

Relating to Wrongdoing

crime	cul prit	steal ing	bat ter y	de mean or
thief	drunk ard	fōr ger y	bur glar y	lynch law
theft	kid nap	per jur y	de tec tion	in dict
ar son	scoun drel	lar cen y	crim i nal	ar rāign
mur der	ab scond	as sault	wrong do er	con vict

EXERCISE 598

Grammatical Terms

noun	gram mar	prop er ty	prep o si tion
verb	ad verb	ar ti cle	con junc tion
case	num ber	pro noun	in ter jec tion
voice	gen der	de not ing	gram mat i cal
mood	per son	re la tion	com par i son
tense	speech	sen tence	in flec tion

EXERCISE 599

The Noun, Pronoun, and Adjective

prop er	col lec tive	nom i na tive	qual i fy ing
com mon	sin gu lar	pos ses sive	de scrip tive
ob ject	mas cu line	ob jec tive	pro nom i nal
ab stract	fem i nine	de clen sion	in ter rog a tive
plu ral	per son al	lim it ing	de mon stra tive
neu ter	rel a tive	an te ced ent	com par a tive
de gree	pos i tive	su per la tive	com par i son

EXERCISE 600

The Verb

pred i cate	con ju gate	ver bal	in fin i tive
com ple ment	pri ma ry	ger und	par ti ci ples
tran si tive	sec on da ry	ac tive	in dic a tive
in com plete	prin ci pal	pas sive	po ten tial
aux il ia ry	syn op sis	per fect	sub junc tive
par a digm	em phat ic	fu ture	im per a tive
cop u la	at tri bute	pres ent	pro gress ive

EXERCISE 601

Analysis

ap po si tion	phrase	syn tax	in de pend ent
ab so lute	parse	sub ject	ad ver bi al
in di rect	clause	ob ject	sub′ stan tive
an a lyze	use	ad junct	sub or di nate
log ic al	bare	sim ple	con struc tion
mod i fy	rules	com plex	a nal y sis
spe cial	a gree	in tro duce	prop o si tion

EXERCISE 602

Composition

mod el	par a graph	struc ture	com po si tion
o ral	crit i cism	lan guage	rhe tor i cal
writ ten	punc tu ate	er rors	va ri e ty
word	cap i tals	com bined	il lus′ trate
sen tence	quo ta tion	ex pand ed	con tract ed
es say	po si tion	sep a rate	ex pan sion

EXERCISE 603

nar ra tive	rep e ti tion	style	sim i lar
de scrip tion	su per flu ous	prose	met a phor
ex po si tion	em pha sis	loose	o mis sion
ar gu ment	am bi gu i ty	theme	clear ness
def i ni tion	brev i ty	faults	u ni ty
vo cab u la ry	prin ci ples	tale	pe ri od ic
fig ur a tive	el e gance	brief	suc cinct
cli max	syn o nym	de tails	pro lix

EXERCISE 604

Good Health—*Herbert Spencer*

If any one doubts the importance of an acquaintance with the fundamental principles of physiology as a means to complete living, let him look around and see how few men and women he can find in middle life, or later, who are thoroughly well. Occasionally do we meet with an example of vigorous health continued to old age; hourly do we meet examples of acute disorder, chronic ailment, general debility, premature decrepitude. Scarcely is there one to whom you put the question who has not, in the course of his life, brought upon himself illness from which a little knowledge would have saved him.

EXERCISE 605

The Skeleton

com po si tion	gel a tine	cra ni um	na′ sal
mis shap en	or gan ic	frŏnt al	sū′ ture
per i os te um	cyl in der	pa ri′ e tal	pel vis
fel on	net work	tem po ral	ul na
lon gi tu di nal	car ti lage	ver te bra	ra di us
lach ry mal	scap u la	hu me rus	fe′ mur
dis lo cat ed	clav i cle	syn o vi a	sock et

EXERCISE 606

The Muscles

mus cu lar	tis sue	mem branes	brawn
vol un ta ry	fi bers	A chil les	thick ened
re lax a tion	sheath	par a lyze	con tract ed
in flam ma tion	bi ceps	fa tigue	in ser tion
in tox i cate	flex ure	fee ble	stri at ed
gym na si um	bal ance	ath letes	beef steak

EXERCISE 607

The Surface of the Body

e lim i nate	cu′ ti cle	blood	bru nĕtte
e con o my	goose flesh	out door	pig ment
sen si tive	pim ple	ro bust	pal lid
reg u late	clĕan ly	chilled	al bī′ no
ep i der mis	bath ing	ducts	oint ment
trans port	fric tion	beard	cloth ing
per spi ra tion	wrin kles	pores	ail ments

EXERCISE 608

The Nervous System

gan gli on	spasm	fa cial	con vo lu tion
cer e brum	vom it	mo tor	im be cil i ty
cer e bral	knots	im pulse	cer e bel lum
cra ni al	strain	trans mit	chlo ro form
sen sa tion	numb	re flex	ac ces′ so ry
im pres sion	sane	nerv ous	de lir i um
in her it	hab it	con scious	in san i ty

EXERCISE 609

The Special Senses

stim u lus	taste less	op tic	au di to ry
pun gen cy	sen ti nel	a cute	ol fac to ry
vit re ous	scle rot′ ic	con tact	op ti cal
trans par ent	ret i na	fla vor	sen′ so ry
fil a ment	cor′ ne a	vi sion	pa pil la
crys tal line	sen si tive	eye ball	con vex i ty

EXERCISE 610

The Circulatory System

cir cu la tion	lymph	cor pus cles	heart beat
cap il lar ies	ex change	col or less	vē nous
co ag u la tion	plas ma	au ri cle	cup ping
tri an gu lar	se rum	ven tri cle	a or ta
sym pa thet ic	fi brine	tri cus pid	ar te ri al
im mod er ate	clot ting	jū gu lar	glŏb ules
vas cu lar	var i cose	hem or rhage	lig a ture

EXERCISE 611

The Respiratory System

res pi ra tion	in vol un ta ry	re stored	di a phragm
ac cu mu la tion	tra′ che a	mov a ble	pleū ri sy
com pli cat ed	phăr ỳnx	breast ing	dif fu sion
pu ri fi ca tion	lăr ỳnx	ep i glot tis	un whole some
pul mo na ry	çil i a	bron chĭ al	tū′ ber cle

EXERCISE 612

Diseases and Ailments

croup	cramps	neu ral gi a	nerv ous ness
asth ma	a gue	con sump tion	bron chĭ tis
ca tarrh	scrof u la	ap o plex y	ec ze ma
pa ral y sis	scar la tĭ na	chol er a	pneu mo ni a
gout	er y sip′ e las	dys pep si a	in di ges tion
col ic	head ache	di ar rhœ′ a	diph the ri a
fe ver	rheu ma tism	bil ious ness	quin sy
tu mor	mea sles	car bun cle	ap pend i ci tis

EXERCISE 613

Medicinal Drugs

quī′ nīne	par e gor ic	ip e cac	ar′ se nic
sul phur (fur)	cal o mel	am mo ni a	cam phor
mag ne sia	lic′ o rĭce	pot ash	bel la don na
mor phĭne	an ti mo ny	glȳc er ĭne	lo be li a
i′ o dĭne	co ca ĭne	o pi um	col lo di on
lau da num	strȳch nĭne	chlo ro form	salt pe ter

EXERCISE 614

Surgical Terms

sur geon	frac ture	ar ter y	in stru ment
ac ci dent	band age	lig a ture	lan cet
sprain	re duce	hos pi tal	am pu tate
bruise	op er ate	nurse	e ther
bro ken	sur ger y	lin i ment	an ti sep tic

EXERCISE 615

Medical Terms

at tend	sick ness	phy si cian	di ag no sis
prac tice	de crease	spe cial ist	pre scrip tion
re store	symp toms	vac cin ate	con sti tu tion
re lief	rem e dy	med i cine	me diç i nal
re lieve	in cur a ble	spe cif ic	ad min is ter
health	mal a dy	nar cot ic	pro fes sion al
treat	e met ic	pre vent ive	phar ma cy
po tion	o pi ate	nau se a (she)	con ta gion
clin ic	treat ment	poul tice	in fec tion

EXERCISE 616

Food and Assimilation

nu tri tion	mas ti ca tion	food stuffs	di et
star va tion	al i men ta ry	pro′ te id	nour ished
di ges tion	in tes ti nal	starch es	sa li va
in ci sors	per i to ne′ um	sug ars	py lor ic
mo lars	pan cre at ic	al bū′ men	chȳme
con di ments	lym phat ics	glū ten	duct
ab sorp tion	tho raç′ ic	lac te al	chȳle

EXERCISE 617

General Terms

phy si ol o gy	pro ba tion er	phy sique	or gan
a nat o my	se cret ive	sed en ta ry	tis sue
phys ic al	con nect ive	hy gi en ic	func tion
chem ic al	ad i pose	san i ta ry	prŏc ess
a nal y sis	struc ture less	san i ta tion	cells

EXERCISE 618

Temperance Hygiene

beer	ab stain	ci gar	drunk ard
gin	fer ment	mi crobe	poi son
wine	dis till	tem per ate	cap il la ry
ale	nar cot ic	sa loon	nerv ous
malt	al co hol	li cense	con sump tion
nerve	whis ky	rev e nue	de crease
liq uor	brand y	stim u lant	spir it u ous
vi nous	to bac co	par a lyze	brew er y
o pi um	ci gar ette	in tem per ance	dis till er y

EXERCISE 619

In the Library

ti tle	page	his to ry	mag a zine
au thor	col umn	trav el	bī og ra phy
bind ing	mar gin	po et ry	dic tion a ry
sto ry	vol ume	es says	cy clo pe di a
un cut	tome	fic tion	book case
book-worm	e di tion	sci ence	fron tis piece
Cax ton	fo li o	nov el	man u script
vel lum	in dex	re view	lit er a ture

EXERCISE 620

Punctuation

pe ri od	.	ca ret	^	in ter ro ga tion	?
com ma	,	brack ets	[ ]	quo ta tion marks	" "
co lon	:	un der score	_	pa ren the sis	( )
dash	—	a pos tro phe	'	ex cla ma tion	!
hy phen	-	par a graph	¶	sem i co lon	;

EXERCISE 621

Poetry

po e sy	rhythm	di dac tic	com plex
po em	rhyme	dra mat ic	ver si fy
stan za	lyr ic	el e gy	ac cent
feet	ep ic	pas tor al	pas sion
me ter	ode	trag e dy	e mo tion
verse	hymn	com e dy	son net
bal lad	pa thos	min strel	hu mor

Surnames

John son Carl son Han son Wil liam son

NOTE. — *Son*, or *sen*, is a Scandinavian affix. Peter Larson originally meant *Peter*, *son of Lars*, and if Peter Larson had a son called John, his full name would be John Peterson, not John Larson. The frequency of English surnames ending in *son* points to the Scandinavian element mentioned on page 99.

Pro bert Price Bow en Pritch ard

NOTE. — The above surnames are formed from the Welsh prefix *ap*, meaning *son*, and *Robert*, *Rice*, *Owen*, and *Richard* respectively. Pritchard is simply *ap Ritchard*, or *son of Ritchard*.

Van Dyke Van Twiller Von Holst De Graff

NOTE. — The prefix in each case, Dutch, German, or French, means *of* or *from*. The word following is usually the name of the family home. Peter Von Twiller signifies *Peter of Twiller*.

Macdonald Mc Kinley O'Brien Mc Gregor

NOTE. — *Mac* or *Mc*, and *O* are Celtic prefixes indicating *son of*. O'Brien is the *son of Brien*, or *Bryan*, etc.

Many surnames are derived from occupations, as Webster, Carpenter, Clark; from directions, as West, North; from nationality, as French, English; from physical features of the country, as Moore, Heath, etc. Rivers, Lake, Snow, Pond, Armstrong, and many other surnames need no explanation.

Names of Men

Aa ron	Al lan	Ben e dict	Clar ence
A bel	A mos	Ben ja min	Claude
Ab ner	An drew	Ber nard	Clem ent
A bra ham	An tho ny	Bri an	Con rad
Ad am	Ar chi bald	Cal vin	Cy rus
Al bert	Ar te mas	Ce cil	Dan iel
Al ex an der	Ar thur	Charles	Da ri us
Al fred	A sa	Chris to pher	Da vid

Don ald
Dun can
Ed gar
Ed mund
Ed ward
Ed win
E li
E li as
E li jah
El mer
E noch
E ric
E than
Eu gene
Eus tace
E ze ki el
Fran cis
Frank
Fred er ic
Geof frey
George
Ger ald
Gid e on
Gil bert
God frey
Guy
Har old
Har ry
Hen ry
Her bert
Her man
Hi ram
Hor ace
Ho ra ti o
Hu bert
Hugh
I ra
I saac
I sai ah
Ja bez
Ja cob
James
Ja son
Jas per
Jef frey
Jer e mi ah
Jes se
Jo ab
Job
John
Jo nah
Jo nas
Jon a than
Jo seph
Josh u a
Jo si ah
Ju li an
Ju li us
Jus tin
Law rence
Leon ard
Le vi
Lew is
Lou is
Luke
Lu ther
Mark
Mar tin
Mat thew
Mau rice
Mi chael
Miles
Mo ses
Na po le on
Na than
Na than i el
Neil
Nich o las
No ah
Nor man
Ol i ver
Os car
O wen
Pat rick
Paul
Pe ter
Phil ip
Quin tin
Ralph
Ray mond
Reg i nald
Reu ben
Rich ard
Rob ert
Rod er ic
Rog er
Ro land
Ru dolph
Ru fus
Sam son
Sam u el
Saul
Seth
Si las
Sim e on
Si mon
Sol o mon
Ste phen
Thad de us
Thom as
Tim o thy
Ti tus
U lys ses
Vic tor
Vin cent
Wal ter
Wil liam
Win fred
Zach a ry
Ze nas

Names of Women

Ab i gail	Cor de li a	Hes ter	Maud
Ach sa	Di nah	Hul dah	Mil dred
A da	Do ra	I da	Min nie
Ad e laide	Dor cas	I nez	Nan cy
Ag nes	Dor o thy	I rene	No ra
Al ice	E dith	Is a bel	Ol ive
A man da	Ed na	Jane	Pau line
A me li a	El ea nor	Jan et	Phe be
A my	E li za	Jean	Pol ly
An na	E liz a beth	Jo an	Pris cil la
Anne	El la	Jo seph ine	Ra chel
An nette	El len	Ju dith	Re bec ca
Au gus ta	Em ma	Ju li a	Rho da
Bar ba ra	Es ther	Ju li et	Ro sa
Be a trice	Eth el	Lau ra	Ros a lie
Ber tha	Eu nice	Lil i an	Ruth
Blanche	E va	Lil ly	Sa rah
Brid get	Fan ny	Lou ise	Si byl
Car o line	Flo ra	Lu cy	So phia
Char lotte	Flor ence	Lyd i a	Stel la
Chlo e	Fran ces	Ma bel	Su san
Chris ti na	Ger trude	Mar gar et	Ur su la
Cla ra	Grace	Mar i on	Vi o la
Cla ris sa	Han nah	Mar tha	Viv i an
Con stance	Har ri et	Ma ry	Wil hel mi na
Co ra	Hel en	Ma til da	Win i fred

Abbreviations

A. B. or **B. A.** *ar'tium baccalau'reus*, bachelor of arts.
A. C. *an'te Christ'um*, before Christ.
A. D. *an'no dom'ini*, in the year of our Lord.
A. M. *an'te merid'iem*, before noon; or, *an'no mun'di*, in the year of the world; or, *ar'tium magis'ter*, master of arts.
anon. anonymous.
Av. or **Ave.** avenue.
Bart. baronet.
B. C. before Christ.
B. D. *baccalau'reus divinita'tis*, bachelor of divinity.
Capt. captain.
Co. company.
Col. colonel.
Com. commodore.
Cr. creditor.
cts. cents.
cwt. hundredweight.
D. D. *divinita'tis doc'tor*, doctor of divinity.
do. or **ditto**, the same.
Dr. doctor, or debtor.
D. V. *De'o volen'te*, God willing.
dwt. pennyweight.
e. g. *exem'pli gra'tia*, for example.
Esq. esquire.
fol. folio.
F. R. S. Fellow of the Royal Society.
Gen. general; Genesis.
Geo. George.
Gov. governor.
H. B. M. his or her Britannic majesty.
hhd. hogshead.
Hon. honorable.
Ib. or **ib.** *ibi'dem*, in the same place.
Id. or **id.** *i'dem*, the same.
i. e. *id est*, that is.
incog. *incog'nito*, unknown.
inst. instant, *i.e.*, present, at hand.
Jun. *jun'ior*, younger.
Lat. latitude.
L. C. Lower Canada.
Lieut. lieutenant.
LL. D. *le'gum doc'tor*, doctor of laws.
lon. longitude.
M. *mil'le*, a thousand.
Maj. major.
M. C. member of Congress.
M. D. *medici'næ doc'tor*, doctor of medicine.
Messrs. Messieurs.
M. P. member of Parliament.
Mr. Mister.
Mrs. Mistress.
MS. manuscript.
MSS. manuscripts.
N. B. *no'ta be'ne*, mark well; *i.e.*, take particular notice.
nem. con. *nem'ine contradicen'te*, no one expressing dissent.
no. number.
O. S. old style.
oz. ounces.

P. M. post-master; or, *post merid'iem*, after noon.
P. O. post-office.
Pres. president.
Prof. professor.
P. S. *post scrip'tum* (written afterwards), postscript.
Q. E. D. *quod e'rat demonstran'dum*, which was to be demonstrated.
Rev. reverend; Revelation.
Sec. secretary; second.
Sen. senior; senator.
St. street; saint.
Thos. Thomas.
ult. *ul'timo* (*men'se*), the last (month).
U. S. A. United States of America.
viz. *videl'icet*, to wit.
vs. *ver'sus*, against.
Xmas, Christmas.
yd. yard.
& *et*, and.
&c. *et cet'era*, and the other things, *i.e.*, and so forth.
4to, quarto.
8vo, octavo.
12mo, duodecimo.

Latin Words and Phrases occurring in Books and Conversation

a posteriori, from effect to cause.
a priori, from cause to effect.
ab initio, from the beginning.
ad hominem, personal.
ad infinitum, without limit.
ad interim, in the mean while.
ad libitum, at pleasure.
ad valorem, according to value.
alma mater, a cherishing mother.
ante bellum, before the war.
aqua vitæ, brandy; spirit; alcohol.
bona fide, in good faith.
casus belli, that which justifies war.
cui bono? for whose benefit?
de facto, in fact.
de jure, by right.
de novo, anew.
Deo volente, God willing.
disjecta membra, scattered remains.
ecce homo, behold the man.
e pluribus unum, one out of many.
ex cathedra, with high authority.
excelsior, higher.
exeunt omnes, all go out.
ex officio, by virtue of his office.
ex parte, on one side only.
facile princeps, evidently preëminent.
festina lente, hasten slowly.
in loco parentis, in the place of a parent.
in medias res, into the midst of things.
in memoriam, in memory.
in situ, in its original situation.
in statu quo, in the former state.

in toto, as a whole.
in transitu, in passage.
inter nos, between ourselves.
ipse dixit, he himself said it.
ipso facto, in the fact itself.
lapsus linguæ, a slip of the tongue.
laus Deo, praise to God.
meum et tuum, mine and thine.
mirabile dictu, wonderful to be told.
modus operandi, manner of operation.
multum in parvo, much in little.
ne plus ultra, nothing further.
nolens volens, willing or not.
non compos mentis, not in sound mind.
non sequitur, it does not follow.
nota bene, mark well.
pari passu, with equal pace.
particeps criminis, an accomplice.
paterfamilias, father of a family.
pater noster, Our Father.
per annum, by the year.
per capita, by the head.
per centum, by the hundred.
per diem, by the day.
per se, by itself.
post mortem, after death.
pro bono publico, for the public good.
pro et con, for and against.
pro rata, in proportion.
pro tempore, for the time.
quid pro quo, an equivalent.
sic semper tyrannis, ever so to tyrants.
sine die, without day.
sine qua non, an indispensable condition.
suaviter in modo, gentle in manners.
sub rosa, privately.
sui generis, of its own kind.
summum bonum, the chief good.
terra firma, solid earth.
terra incognita, an unknown country.
Ultima Thule, the utmost limit.
vade mecum, constant companion.
verbatim et literatim, word for word and letter for letter.
via, by way of.
vice versa, the terms being exchanged.
viva voce, by the living voice.
vox populi, vox Dei, the voice of the people is the voice of God.

Words and Phrases from the French

a la mode, in fashion.
apropos (ăp′rō̇ pō), to the point.
attaché (ȧt tȧ shȧ̆′), an official.
au revoir (ō̇ rŭ vwär′), till we meet again.
beau monde, the fashionable world.
belles-lettres (bĕl-lĕt′tĕr), polite literature.
blasé (blȧ zȧ̆′), surfeited.
bon mot (bông′ mō̇′), a jest.
bon ton (bông′ tông′), good style.
carte blanche (kärt blȧ̆nsh′), full permission.
comme il faut (kŏm ēl fō′), as it should be.
connoisseur (kŏn nĭs sûr′), a critical and skilful person.
coup d'état (kōō dȧ̆ tȧ′), a stroke of policy.
débris (dȧ̆ brē̇′), fragments.
début (dȧ̆ bu̇′), first appearance.
éclat (ē̇ klȧ̆′), splendor.
élite (ȧ̆ lēt′), chosen; select.
en avant, forward.
en masse (äng mȧs′), in a body.
en route (äng rōōt′), on the way.
en suite, in succession.
ennui (äng nwē̇′), languor.
entrée (äng trȧ̆′), entrance.
façade (fȧ sȧd′), front view.
faux pas (fō pȧ′), a false step.
fête (fȧt), a festival.
gens d'armes, policemen.
laissez faire, let alone.
liaison (lē̇ ȧ̆ zông′), an improper intimacy.
madame (mȧ dȧm′), my lady.
mal de mer, seasickness.
mauve (mōv), a purplish color.
monsieur (mŏ syē̇′), mister.
naïve (nä′ēv), ingenuous.
nom de plume (nông dŭ plu̇m′), a literary title.
on dit (ông dē̇′), they say.
outré (ōō trȧ̆′), extravagant.
protégé (prō̇ tȧ̆ zhȧ̆′), one protected.
qui vive (kē̇ vē̇v′), on the alert.
régime (rȧ̆ zhē̇m′), administration.
répertoire (rȧ̆ pâr twär′), a treasury; a magazine.
résumé (rȧ̆ zu̇ mȧ̆′), a summing up.
roué (rōō ȧ̆′), a debauchee.
sang-froid (säng frwȧ̆′), coolness.
savant (sȧ väng′), a learned man.
séance (sȧ̆ ängs′), a sitting.
sobriquet (sō̇ brē̇ kȧ̆′), a nickname.
soirée (swä rā′), an evening party.
souvenir (sōō ve nēr′), a keepsake.
tête-à-tête (tāt ȧ tāt′), a private conversation.
trousseau (trōō sō′), bridal outfit.
vis-à-vis (vē̇ zȧ vē′), face to face.

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G lady

loob

G ... ady

looks

G lady

looks